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FOR A COMPLETE DESCRIPTION OF THE OPERATION OF THIS UNIT,
PLEASE REFER TO THE OPERATION MANUAL.

SPECIFICATIONS

GENERAL

Power source:	220 V, 50/60 Hz
Power consumption:	270 W
Semiconductors:	13 ICs 1 FET 49 Transistors 39 Diodes 6 LEDs
Dimensions:	Width; 462 mm Height; 800 mm Depth; 393 mm
Weight:	26.5 kg

STEREO TUNER SECTION

Frequency range:	FM; 87.6 MHz–108 MHz MW; 526.5 kHz–1606.5 kHz LW; 150 kHz–285 kHz
Sensitivity (mono):	FM; 3.2 μ V (40 kHz deviation, S/N 26 dB) MW; 500 μ V/m (with bar antenna) LW; 500 μ V/m (with bar antenna)

STEREO AMPLIFIER SECTION

Music power output:	2 x 80 W/4 ohms (DIN 45 324)
Continuous power output:	2 x 40 W/4 ohms (DIN 45 324)
Loaded impedance:	Speakers; 4 – 16 ohms Headphones; 8–25 ohms

STEREO CASSETTE DECK SECTION

Tape:	Compact cassette tape
Bias and erasure system:	AC 85 kHz
Tape speed:	4.76 cm/sec.
Frequency response:	Normal tape; 40 Hz – 13000 Hz CrO ₂ tape; 40 Hz – 15000 Hz
S/N ratio (CrO ₂ tape):	Dolby NR off; 52 dB Dolby NR effect; 10 dB (at over 5 kHz)

STEREO TURNTABLE SECTION

Type:	Belt drive, semi automatic
Speed:	33-1/3 and 45 rpm
Motor:	DC motor
Tonearm:	Statically balanced
Cartridge:	Magnetic type
Replacement stylus:	DN239

SPEAKER SECTION

Speaker:	14.5 cm Woofer 6.0 cm Midrange 3.5 cm Tweeter
Frequency range:	40 Hz – 22 kHz
Impedance:	4 ohms
Music power:	80 watts
Dimensions:	Width; 230 mm Height; 460 mm Depth; 220 mm
Weight:	5 kg

Specifications for this model are subject to change without
prior notice.

STRINGING OF DIAL CORD

- 1 Turn the drum fully in the direction **A** shown in Fig. 2–1 and stretch its cord over the parts in the numerical order.
2. Then turn the tuning control shaft fully in the direction **B** shown in Fig. 2–1 and fix its pointer as shown in Fig. 2–1.

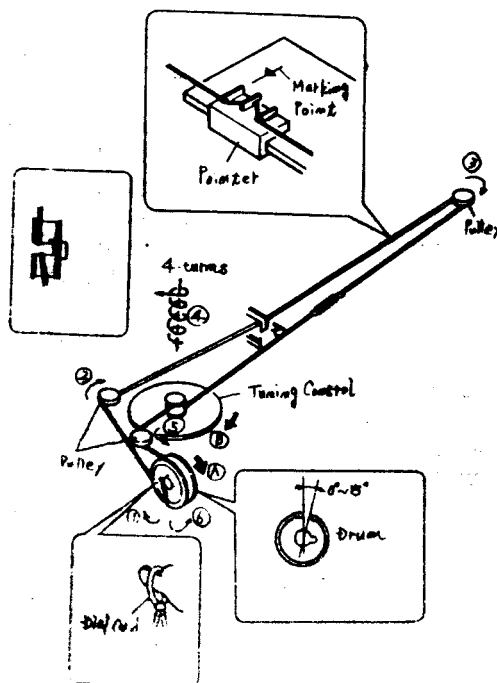
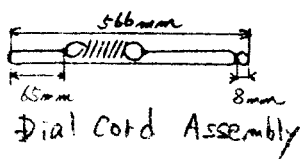


Figure 2–1

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EINE VOLLSTÄNDIGE BESCHREIBUNG DER BEDIENUNG DIESES GERÄT-
ES IST IN DER BEDIENUNGSANLEITUNG ENTHALTEN.

TECHNISCHE DATEN

ALLGEMEINE DATEN

Spannungsversorgung:	Netzspannung 220 V, 50/60 Hz
Leistungsaufnahme:	270 W
Bestückung:	13 integrierte Schaltkreise 1 FET 49 Transistoren 39 Dioden 6 Leuchtdioden
Abmessungen:	Breit; 462 mm Höhe; 800 mm Tiefe; 393 mm
Gewicht:	26,5 kg

STEREO-TUNER-TEIL

Frequenzbereiche:	UKW; 87,6 – 108 MHz MW; 526,5 – 1606,5 kHz LW; 150 – 285 kHz
Nutzempfindlichkeit (Mono):	UKW; 3,2 μ V (40 kHz Hub, Rauschabstand 26 dB) MW; 500 μ V/m (mit Stabantenne) LW; 500 μ V/m (mit Stabantenne)

STEREO-VERSTÄRKER-TEIL

Musikleistung:	2 x 80 W/4 Ohm (DIN 45 324)
Sinusleistung:	2 x 40 W/4 Ohm (DIN 45 324)
Belastungsimpedanz:	Lautsprecher; 4 – 16 Ohm Kopfhörer; 8 – 25 Ohm

STEREO-CASSETTENDECK-TEIL

Band:	Kompaktcassettenband
Vormagnetisierung- und Löschsystem:	Wechselstrom, 85 kHz
Bandgeschwindigkeit:	4,76 cm/s
Frequenzgang:	Normalband; 40 – 13000 Hz CrO ₂ -Band; 40 – 15000 Hz
Rauschabstand (CrO ₂ -Band):	Dolby-NR ausgeschaltet; 52 dB Dolby-NR-Effekt; 10 dB (bei über 5 kHz)

STEREO-PLATTENSPIELER-TEIL

Typ:	Riemenantrieb, halbautomatische Abschaltung
Drehzahlen:	33-1/3 und 45 U/min
Motor:	Gleichstrommotor
Tonarm:	Gewichtsbalanciert
Tonabnehmersystem:	Magnetische Ausführung
Ersatznadel:	DN239

LAUTSPRECHER-TEIL

Lautsprecher:	14,5 cm – Tieftöner 6,0 cm – Mittelton 3,5 cm – Hechtöner
Frequenzbereich:	40 Hz – 22 kHz
Impedanz:	4 Ohm
Musikleistung:	80 Watt
Abmessungen:	Breite; 230 mm Höhe; 460 mm Tiefe; 220 mm
Gewicht:	5 kg

Die technischen Daten für dieses Modell können ohne vor-
herige Ankündigung Änderungen unterworfen sein.

SPANNEN DER SKALENSCHNUR

1. Die Trommel gemäß Abb. 2-1 bis zum Anschlag in Rich-
tung Ⓐ drehen, dann die Schnur in der numerischen Rei-
henfolge über die einzelnen Teile spannen.
2. Die Abstimmstellerachse gemäß Abb. 2-1 bis zum An-
schlag in Richtung Ⓑ drehen, dann den Zeiger gemäß
Abb. 2-1 befestigen.

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POUR LA DESCRIPTION COMPLÈTE DU FONCTIONNEMENT DE CET APPAREIL, SE REPORTER AU MODE D'EMPLOI.

CARACTÉRISTIQUES

GÉNÉRALITÉ

Alimentation: 220 V, 50/60 Hz
 Consommation: 270 W
 Semi-conducteurs: 13 CI

1 transistor à effet de champ
 49 transistors
 39 diodes
 6 LED

Dimensions: Largeur; 462 mm
 Hauteur; 800 mm
 Profondeur; 393 mm

Poides: 26,5 kg

TUNER STÉRÉO

Gamme de fréquences: FM; 87,6 à 108 MHz
 PO; 526,5 à 1606,5 kHz
 GO; 150 à 285 kHz
 Sensibilité utilisable (mono): FM; 3,2 μ V (déviatiion de 40 kHz, S/N 26 dB)
 PO; 500 μ V/m (avec antenne à barre)
 GO; 500 μ V/m (avec antenne à barre)

AMPLIFICATEUR STÉRÉO

Sortie de puissance musicale: 2 x 80 W par 4 ohms (DIN 45 324)
 Sortie de puissance continue: 2 x 40 W par 4 ohms (DIN 45 324)
 Impédance chargée: Enceintes; 4 à 16 ohms
 Casque; 8 à 25 ohms

PLATINE À CASSETTE STÉRÉO

Bande: Cassette compacte
 Système de polarisation et d'effacement: CA 85 kHz
 Vitesse de défilement: 4,76 cm/s
 Réponse en fréquence: Bande normale; 40 à 13000 Hz
 Bande CrO₂; 40 à 15000 Hz
 Rapport S/B (Bande CrO₂): Dolby NR hors circuit; 52 dB
 Effect Dolby NR; 10 dB (à plus de 5 kHz)

TOURNE-DISQUE STÉRÉO

Type: Entraînement par courroie, semi-automatique
 Vitesse: 33-1/3 et 45 t/mn
 Moteur: Moteur CC
 Bras: Équilibrage statique
 Cellule: Type magnétique
 Aiguille de remplacement: DN239

ENCEINTE

Haut-parleur: Woofer de 14,5 cm
 Médium de 6,0 cm
 Tweeter de 3,5 cm
 Gamme de fréquence: 40 Hz à 22 kHz
 Impédance: 4 ohms
 Puissance de musicale: 80 watts
 Dimensions: Largeur; 230 mm
 Hauteur; 460 mm
 Profondeur; 220 mm
 Poids: 5 kg

Les caractéristiques de ce modèle sont sujettes à modification sans préavis.

PASSAGE DU CORDON DU CADRAN

1. Tourner le tambour entièrement dans le sens Ⓐ montré sur la Fig. 2-1 et passer le cordon sur les organes indiqués et dans l'ordre numérique.
2. Tourner l'arbre de commande d'accord entièrement dans le sens Ⓑ montré sur la Fig. 2-1 et fixer son index comme le montre la Fig. 2-1.

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NAMES OF PARTS

1. 17 cm (7") EP Record Adaptor
2. Turntable Platter and Mat
3. Cue Lever
4. Speed Selector Switch
5. Tonearm Rest
6. Tonearm
7. Headshell
8. FM Stereo Indicator
9. FM Mode Switch
10. Tuning Control
11. Band Selector Switch
12. Power Indicator
13. Level Meter
14. Graphic Equalizer Controls
15. Balance Control
16. Volume Control
17. Function Selector Switch
18. Deck 1) Tape Selector Switch
19. Deck 2) Tape Selector Switch
20. Dolby NR Switch
21. Dubbing Speed Selector Switch
22. Deck 1) Rewind Button
23. Deck 1) Play Button
24. Deck 1) Fast Forward Button
25. Deck 1) Stop/Eject Button
26. Deck 2) Record Button
27. Deck 2) Rewind Button
28. Deck 2) Play Button
29. Deck 2) Fast Forward Button
30. Deck 2) Stop/Eject Button
31. Deck 2) Pause Button
32. Tape Counter and Tape Counter Reset Button
33. Headphones Jack
34. Power Switch
35. Speaker Output Terminals
36. External MW/LW Antenna Terminal
37. MW/LW Antenna Earth Terminal
38. External FM Antenna Terminal
39. Beat Cancel Switch
40. AC Power Supply Cord

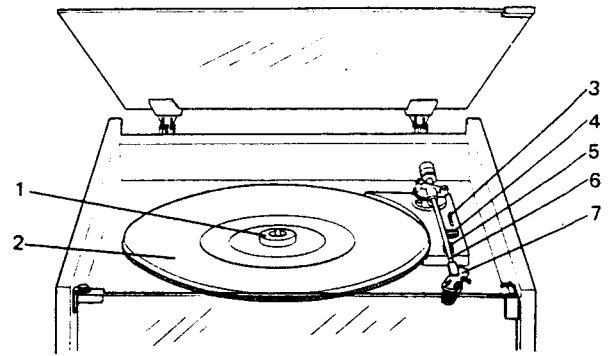


Figure 5-1

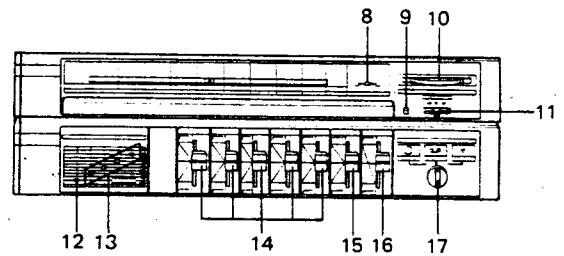


Figure 5-2

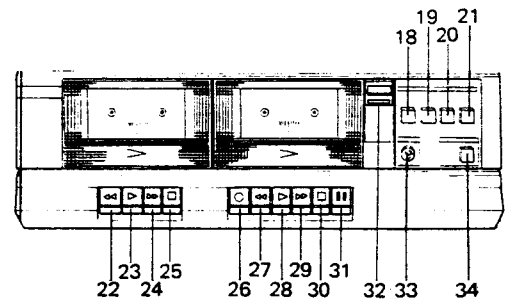


Figure 5-3

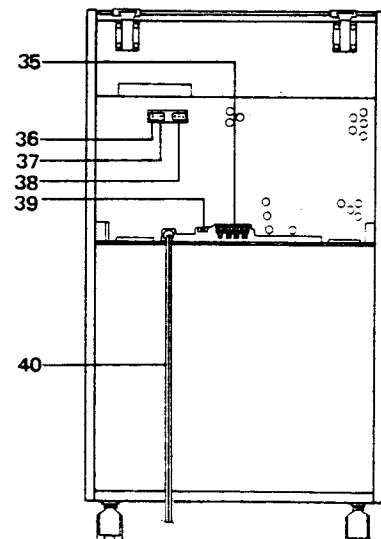


Figure 5-4

① BEZEICHNUNG DER TEILE

1. Mittelstück für 17cm Langspielplatten
2. Plattenteller und Matte
3. Tonarmlifthebel
4. Drehzahlwahlschalter
5. Tonarmauflage
6. Tonarm
7. Tonabnehmerträger
8. UKW-Stereoanzeige
9. UKW-Betriebsartenschalter
10. Abstimmsteller
11. Wellenbereichswahlschalter
12. Einschaltanzeige
13. Pegelanzeige
14. Frequenzgangentzerrersteller
15. Balancesteller
16. Lautstärkesteller
17. Funktionswahlschalter
18. Deck 1) Bandsortenwahlschalter
19. Deck 2) Bandsortenwahlschalter
20. Dolby-NR-Schalter
21. Überspielgeschwindigkeitwahlschalter
22. Deck 1) Rückspultaste
23. Deck 1) Wiedergabetaste
24. Deck 1) Schnellvorlauftaste
25. Deck 1) Stopp-/Auswurf taste
26. Deck 2) Aufnahmetaste
27. Deck 2) Rückspultaste
28. Deck 2) Wiedergabetaste
29. Deck 2) Schnellvorlauftaste
30. Deck 2) Stopp-/Auswurf taste
31. Deck 2) Pausentaste
32. Bandzählwerk und Bandzählwerk-Rückstell taste
33. Kopfhörerstecker
34. Netzschalter
35. Lautsprecher-Ausgangsanschlüsse
36. MW/LW-Außenantennen-anschluß
37. MW/LW-Antennenerd-anschluß
38. UKW-Außenantennen-anschluß
39. Schwebungsunterdrückungsschalter
40. Netzkabel

② NOMENCLATURE

1. Adaptateur de disque EP 17cm
2. Plateau et tapis
3. Levier de lève-bras
4. Bouton de sélection de vitesse
5. Acqui de bras
6. Bras de lecture
7. Coque de tête
8. Témoin de FM stéréo
9. Commutateur de mode FM
10. Commande d'accord
11. Commutateur de sélection de gamme d'ondes
12. Témoin d'alimentation
13. Compteur de niveau
14. Commandes d'égaliseur graphique
15. Commande de balance
16. Commande de volume
17. Commutateur de sélection de fonction
18. Platine 1) Commutateur de sélection de bande
19. Platine 2) Commutateur de sélection de bande
20. Commutateur Dolby NR
21. Sélecteur de vitesse de copie
22. Platine 1) Bouton de rebobinage
23. Platine 1) Bouton de lecture
24. Platine 1) Bouton d'avance rapide
25. Platine 1) Bouton d'arrêt/éjection
26. Platine 2) Bouton d'enregistrement
27. Platine 2) Bouton de rebobinage
28. Platine 2) Bouton de lecture
29. Platine 2) Bouton d'avance rapide
30. Platine 2) Bouton d'arrêt/éjection
31. Platine 2) Bouton de pause
32. Compteur de bande et bouton de remise à zéro du compteur
33. Jack de casque
34. Commutateur d'alimentation
35. Bornes de sortie d'enceinte
36. Borne d'antenne PO/GO extérieure
37. Borne de terre d'antenne PO/GO
38. Borne d'antenne FM extérieure
39. Commutateur de suppression de battement
40. Cordon d'alimentation

DISASSEMBLY

Caution on Disassembly

Follow the below-mentioned notes when disassembling the unit and reassembling it, to keep its safety and excellent performance:

1. Take cassette tape and record out of the unit.
2. Be sure to remove the power supply plug from the wall outlet before starting to disassemble the unit.
3. Take off nylon bands or wire holders where they need be removed when disassembling the unit. After servicing the unit, be sure to rearrange the leads where they were before disassembling.
4. Take sufficient care on static electricity of integrated circuits and other circuits when servicing.

STEP	REMOVAL	PROCEDURE	FIGURE
Player Unit			
1	Player Unit	1. Mat (A)x1 2. Lift up the player unit (B) 3. Socket (C)x2	7-1 7-2
2	Turntable	1. Screw (D)x1 2. Belt (E)x1 3. Turntable (F)x1	
Audio Unit			
3	Glass and Hinge	1. Screw (G)x6	7-3
4	Back Board	1. Screw (H)x4	7-4

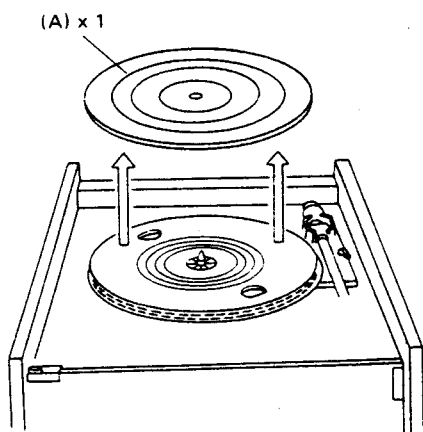


Figure 7-1

(C) x 2
(H) x 4

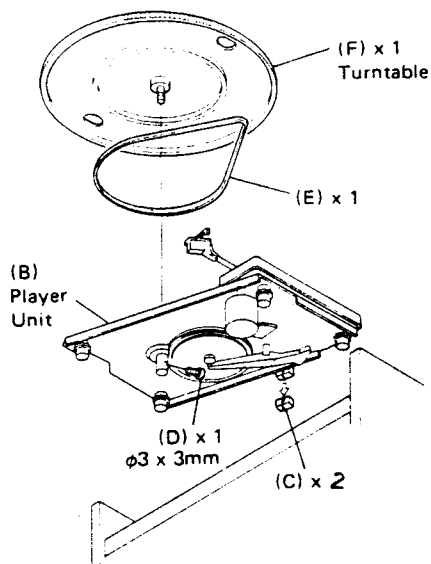


Figure 7-2

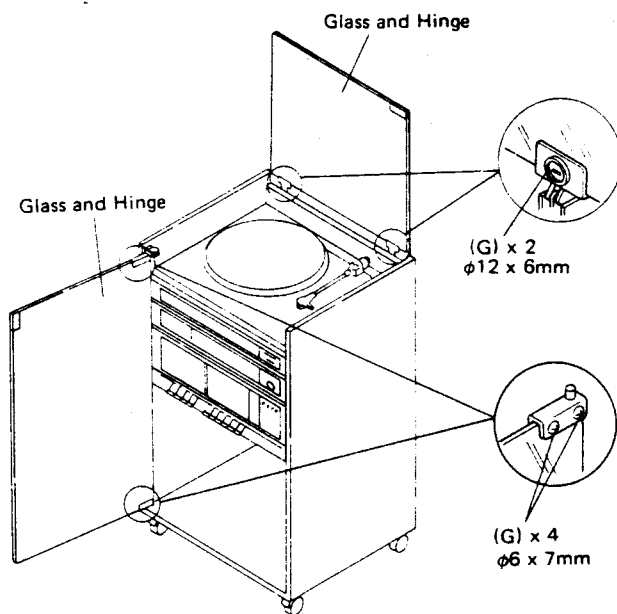


Figure 7-3

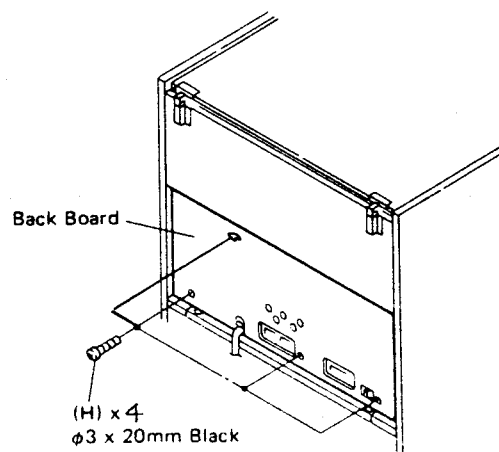


Figure 7-4

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ZERLEGEN

Vorsichtsmassregeln für das zerlegen

Beim Zerlegen und Zusammenbauen des Gerätes die folgenden Anweisungen befolgen, um dessen Betriebssicherheit und ausgezeichnete Leistung aufrechtzuerhalten.

1. Cassette und schallplatte aus dem Gerät entfernen.
2. Bevor mit dem Zerlegen des Gerätes begonnen wird, unbedingt den Netzkabelstecker aus der Netzsteckdose ziehen.
3. Nylonbänder oder Leitungshalter entfernen, falls dies beim Zerlegen des Gerätes erforderlich ist. Nach Warten des Gerätes darauf achten, die Leitungen wieder so zu verlegen, wie sie vor dem Zerlegen angeordnet waren.
4. Beim Ausführen von Wartungsarbeiten auf statische Elektrizität der integrierten Schaltkreise und anderen Schaltungen achten.

SCH-RITT	ENTFERNEN	VERFAHREN	ABBILDUNG
Plattenspiereinheit			
1	Plattenspiereinheit	1. Matte (A)x1 2. Plattenspiereinheit hochhaben . . . (B) 3. Buchse (C)x2	7-1 7-2
2	Plattenteller	1. Schraube . . . (D)x1 2. Riemen (E)x1 3. Plattenteller . . (F)x1	
Audioeinheit			
3	Glas und Angel	1. Schraube . . . (G)x6	7-3
4	Brett Gehälft	2. Schraube . . . (H)x4	7-4

②

DÉMONTAGE

Précautions pour le démontage

Lors du démontage de l'appareil et de son remontage, suivre les précautions ci-dessous, pour maintenir la sécurité et d'excellentes performances.

1. Déposer la bande cassette et le disque de l'appareil.
2. S'assurer de retirer la fiche d'alimentation secteur de la prise murale avant de démarrer le démontage de l'appareil.
3. Déposer les bandes de nylon ou les serre-câbles si nécessaire lors du démontage de l'appareil. Après la réparation de l'appareil, s'assurer de redispser les fils tel qu'ils étaient avant le démontage.
4. Faire attention à l'électricité statique des circuits intégrés et des autres circuits lors de la réparation.

ÉTAPE	DÉPOSE	PROCÉDÉ	FIGURE
Unité de tournedisques			
1	Unité de tournedisques	1. Natte (A)x1 2. Élévation le unité de tournedisques . . . (B) 3. Douille (C)x2	7-1 7-2
2	Plateau	1. Vis (D)x1 2. Courroie (E)x1 3. Plateau (F)x1	
Unité de acoustique			
3	Verre et gond	1. Vis (G)x6	7-3
4	Coffret Verrat	1. Vis (H)x4	7-4

E

STEP	REMOVAL	PROCEDURE	FIGURE
5	Audio Unit	1. Screw (I) x 1	9-1, 9-2 9-3
6	Mechanism	1. Open the cassette holder (J) 2. Screw (K) x 8 3. Socket (L) x 4 4. Push rivet (M) x 2 5. Tape counter drive belt (N) x 1	9-4
7	Power Amp. P.W.B. and Tape Selector Switch P.W.B.	1. Screw (O) x 3 2. Hook (P) x 4	10-1
8	Function Selector P.W.B.	1. Knob (Q) x 1 2. Nut (R) x 1	
9	Graphic Equalizer P.W.B.	1. Knob (S) x 7 2. Screw (T) x 3 3. Hook (U) x 7	
10	Tuner P.W.B.	1. Dial cord (V) 2. Hook (W) x 3	10-2
11	Main P.W.B.	1. Screw (X) x 7 2. Socket (Y) x 7 3. Holder (Z) x 1	

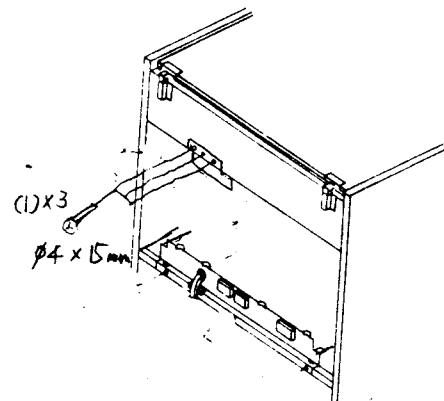


Figure 9-1

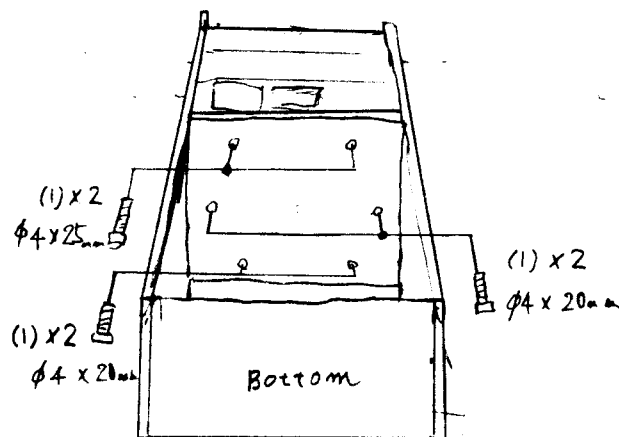


Figure 9-2

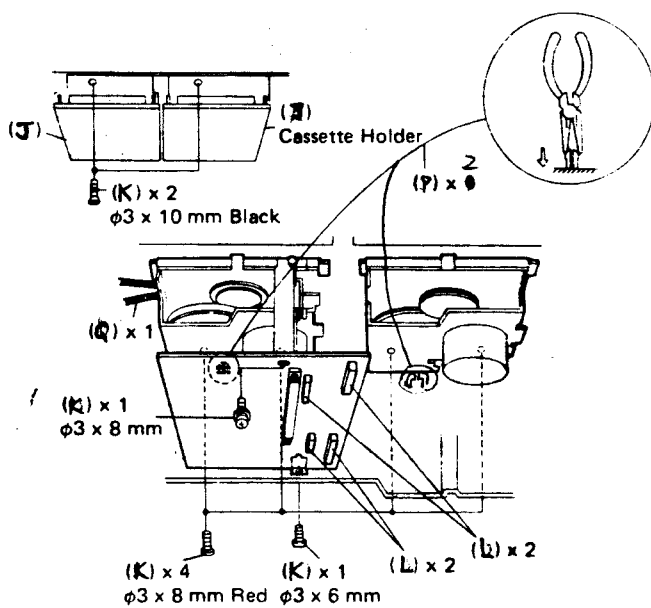


Figure 9-4

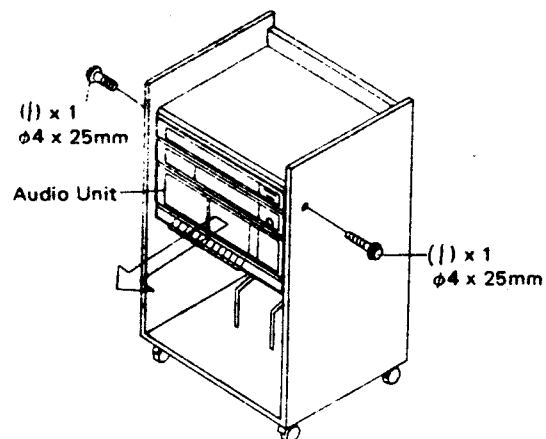


Figure 9-3

(D)

SCH- RITT	ENTFERNEN	VERFAHREN	ABBIL- DUNG
5	Audioeinheit	1. Schraube . . . (I) x 11	9-1, 9-2, 9-3
6	Laufwerk	1. Cassettenhalter öffnen (J) 2. Schraube (K) x 8 3. Buchse (L) x 4 4. Stoßnieten . . . (M) x 2 5. Bandzählwerk-An- triebsriemen . . (N) x 1	9-4
7	Leistungsverstärker- Leiterplatte und ban- sorten-wahlschalter- Leiterplatte	1. Schraube (O) x 3 2. Crochet (P) x 4	10-1
8	Funktionswahlschalter- Leiterplatte	1. Knopf (Q) x 1 2. Mutter (R) x 1	
9	Graphischer Frequenz- gangentzerrer-Leiterplatte	1. Knopf (S) x 7 2. Schraube (T) x 3 3. Crochet (U) x 7	
10	Tuner-Leiterplatte	1. Skalenschnur . . (V) 2. Crochet (W) x 3	
11	Hauptleiterplatte	1. Schraube (X) x 7 2. Buchse (Y) x 7 3. Halter (Z) x 1	10-2

(F)

ÉTAPE	DÉPOSE	PROCÉDÉ	FIGURE
5	Unité de acoustique	1. Vis (I) x 11	9-1, 9-2, 9-3
6	Mécanisme	1. Ouvrir le porte- cassette (J) 2. Vis (K) x 8 3. Douille (L) x 4 4. Rivet-poussoir . . (M) x 2 5. Courroie d'entraîne- ment du compteur de bande (N) x 1	9-4
7	P.M.I. de amplifi- cateur de puissance et P.M.I. de sélecteur de band	1. Vis (O) x 3 2. Haken (P) x 4	10-1
8	P.M.I. de sélecteur de fonction	1. Bouton (Q) x 1 2. Écrou (R) x 1	
9	P.M.I. de égalisateur graphique	1. Bouton (S) x 7 2. Vis (T) x 3 3. Haken (U) x 7	
10	P.M.I. du tuner	1. Cordon de cadran (V) 2. Haken (W) x 3	
11	P.M.I. principale	1. Vis (X) x 7 2. Douille (Y) x 7 3. Support (Z) x 1	10-2

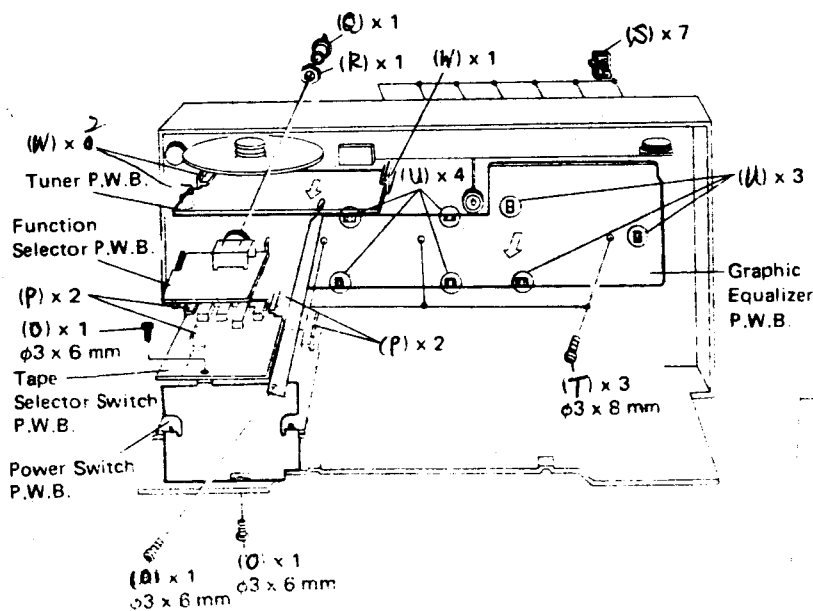


Figure 10-1

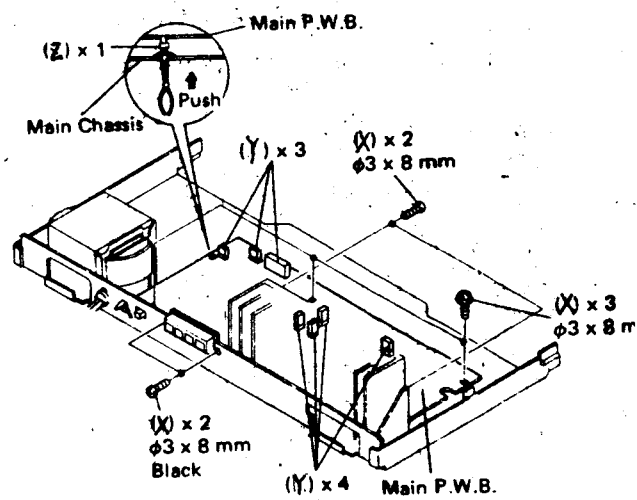


Figure 10-2

MECHANICAL ADJUSTMENT (TAPE SECTION)

ITEM	JIG	ADJUSTMENT POINTS	REMARKS (CHECK)
Driving power	Tape tension measuring cassette TW-2412	_____	(More than 180 g)
Torque	Torque meter Play TW-2111 Fast-forward TW-2231 Rewind TW-2231	_____	(Play: 35-60 g-cm) (Fast-forward: 70-110 g-cm) (Rewind: 70-110 g-cm)
Azimuth	Test tape MTT-114	Azimuth adjusting screw	Sine waveform attains the maximum.
Tape speed	Test tape MTT-111	Normal speed Deck 1: VR207 Deck 2: VR209 High speed Deck 1: VR208 Deck 2: VR210 * Short TP210 and ground when performing the high speed adjustment.	Normal speed Deck 1: $2990 \pm 20\text{Hz}$ Deck 2: within $\pm 25\text{Hz}$ different from that of Deck 1 High speed Deck 1: $5980 \pm 50\text{Hz}$ Deck 2: within $\pm 50\text{Hz}$ different from that of Deck 1 * Perform the normal speed adjustment first and then the high speed adjustment.

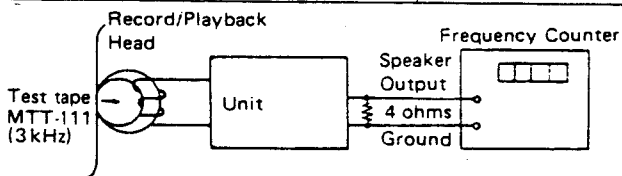


Figure 12-2 TAPE SPEED

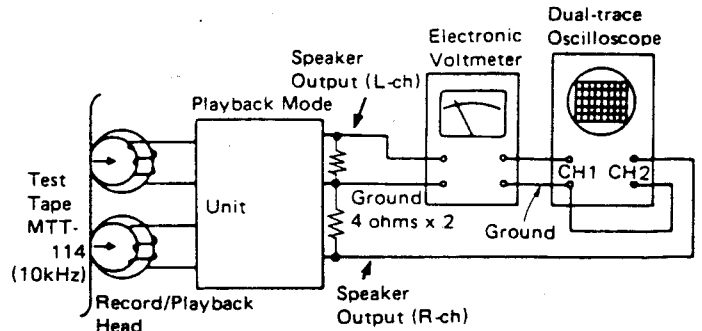


Figure 12–1 AZIMUTH

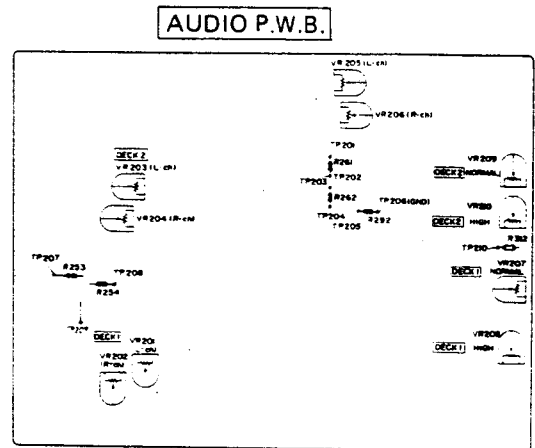


Figure 12-3 ADJUSTMENT POINTS

MECHANICAL ADJUSTMENT (PLAYER SECTION)

ITEM	JIG	ADJUSTMENT POINTS	REMARKS (CHECK)
Turntable speed	LP record which is provided with strobo viewer	33r.p.m. speed 45r.p.m. speed	Phono motor is kept in rotation.

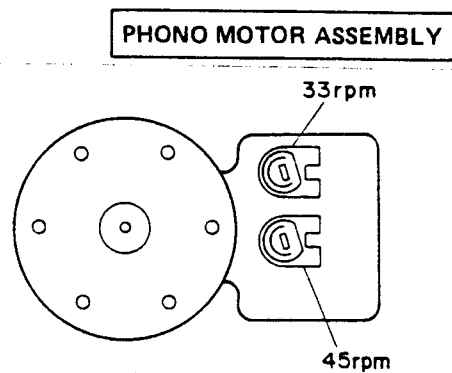


Figure 12-4 ADJUSTMENT POINTS

CIRCUIT ADJUSTMENT (AUDIO SECTION)

IDLE CURRENT

SETTING POSITION	Volume Control: 0
ADJUSTMENT POINT	REMARKS
VR501, VR502	1.0 – 4.0 mV

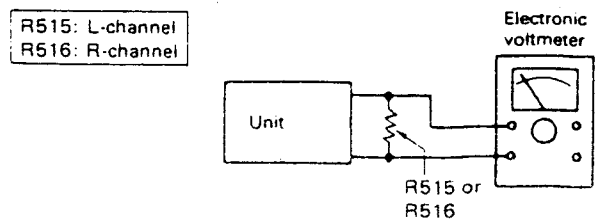


Figure 12-5

④ MECHANISCHE EINSTELLUNG (BANDTEIL)

BE- NENNUNG	FÜHRUNGS- LEHRE	EINSTELL- PUNKT	BEMERKUNGEN (PRÜFUNG)
Antriebs- kraft	Bandzug- Meßcassette TW-2412	—	(Mehr als 180 g)
Drehmo- ment	Drehmoment- messer Wiedergabe: TW-2111 Schnellvorlauf: TW-2231 Rückspulung: TW-2231	—	(Wiedergabe: 35–60 g-cm) (Schnellvorlauf: 70–110 g-cm) (Rückspulung: 70–110 g-cm)
Azimut	Testband MTT-114	Azimuteinstell- schraube	Sinuswellenform wird maximal.
Bandgesch- windigkeit	Testband MTT-111	Normal Ge- schwindigkeit Deck 1: VR207 Deck 2: VR209 Hohe Ge- schwindigkeit Deck 1: VR208 Deck 2: VR210 * Bei der Ein- stellung der hohen Ge- schwindigkeit TP210 und Erde kurz- schließen.	Normal Geschwin- digkeit Deck 1: 2990 ± 20Hz Deck 2: Bis zu –25Hz Unter- schied gegenüber Deck 1 Hohe Geschwindig- keit Deck 1: 5980 ± 50Hz Deck 2: Bis zu –50Hz Unter- schied gegenüber Deck 1 * Zuerst die normale, dann die hohe Geschwin- digkeit einstellen.

MECHANISCHE EINSTELLUNG (PLATTENSPIELER-TEIL)

BENENNUNG	FÜHRUNG- SLEHRE	EINSTELL- PUNKT	BEMERKUNGEN (PRÜFUNG)
Plattenteller- drehzahl	Mit Stroboskop- muster versehe- ne Langspiel- platte	Drehzahl 33 u/min: Drehzahl 45 U/min:	Plattenspieler- motor dreht sich weiter.

RUGESTROM

EINSTELLPOSITION	Lautstärkesteller: 0
EINSTELLPUNKT	BEMERKUNGEN
VR501, VR502	1.0 – 4.0 mV

⑤ RÉGLAGE MÉCANIQUE (SECTION DU MAGNÉTOPHONE)

ARTICLE	GABARIT	POINTS DE RÉGLAGE	REMARQUES (VÉRIFICATION)
Puissance d'entraî- nement	Cassette de mesure de tension de la band TW-2412	—	(Plus de 180 g)
Couple	Compteur de couple Lecture: TW-2111 Avance rapide: TW-2231 Rebobinage: TW-2231	—	(Lecture: 35 à 60 g-cm) (Avance rapide: 70 à 110 g-cm) (Rebobinage: 70 à 110 g-cm)
Azimuth	Bande d'essai MTT-114	Vis de réglage de l'azimuth	La forme d'onde sinusoïdale atteint le maximum.
Vitesse de la bande	Bande d'essai MTT-111	Vitesse nor- male Platine 1: VR207 Platine 2: VR209 Grande vitesse Platine 1: VR208 Platine 2: VR210 * Mettre la platine TP210 à la terre lors du réglage à vitesse élevée.	Vitesse normale Platine 1: 2990 ± 20Hz Platine 2: De l'ordre de –25Hz de celle de la Platine 1 Grande vitesse Platine 1: 5980 ± 50Hz Platine 2: De l'ordre de –50Hz de celle de la Platine 1 * Effectuer d'abord le réglage de la vitesse normale et ensuit celui de la grande vitesse.

RÉGLAGE MÉCANIQUE (SECTION DU LECTEUR)

ARTICLE	GABARIT	POINTS DE RÉGLAGE	REMARQUES
Vitesse du plateau	Disque 33 tours fourni avec le viseur strobo- scopique	Vitesse de 33 t/mn: Vitesse de 45 t/mn:	Le moteur du phono est laissé en rotation.

COURANT DÉWATTÉ

RÉGLAGE DE LA POSITION	Commande de volume: 0
POINT DE RÉGLAGE	REMARQUES
VR501, VR502	1.0 – 4.0 mV

MAIN P.W.B.

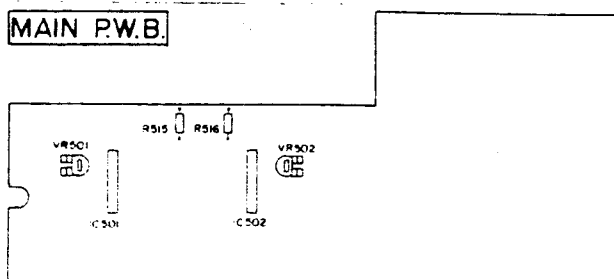


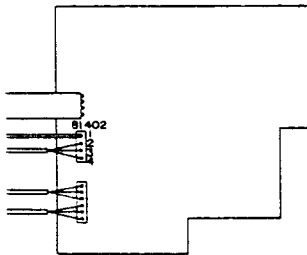
Figure 13–1 ADJUSTMENT POINTS (AUDIO SECTION)

⑤

CIRCUIT ADJUSTMENT (AUDIO SECTION)

SETTING POSITION OF SWITCH AND KNOB	• Volume control: Maximum • Balance control: Center • Graphic equalizer control: Center • Function selector switch: Tape • Dolby NR switch: off • Tape selector switch: Normal • Beat cancel switch: A		
ITEM	INPUT	ADJUSTMENT POINT	REMARKS (CHECK)
BIAS OSCILLATION FREQUENCY	—	L203	A: 85 ± 6 kHz B: $(-2 \pm 0.4$ kHz) C: $(-6 \pm 1.0$ kHz)
BIAS CURRENT	—	L: VR205 R: VR206	Normal: 42 mV CrO ₂ : (55–75 mV)
ERASE CURRENT	—	—	Normal: (Over 50 mV) CrO ₂ : (90–130 mV)
DECK 1 PLAYBACK SENSITIVITY	Test tape MTT-150	L: VR201 R: VR202	Normal: 580 mV
DECK 2 PLAYBACK SENSITIVITY	Test tape MTT-150	L: VR203 R: VR204	Normal: 580 mV
RECORD/PLAYBACK SENSITIVITY	Non-recorded tape (MTT-502) 1 kHz, -18 dB (1V = 0 dB)	L: VR301 R: VR302	1. Adjust the Attenuator so that the electronic voltmeter reads 410 mV. 2. Playback the normal tape recorded and adjust the semi-variable resistor so that the electronic voltmeter reads 410 mV.

FUNCTION SELECTOR P.W.B.



AUDIO P.W.B.

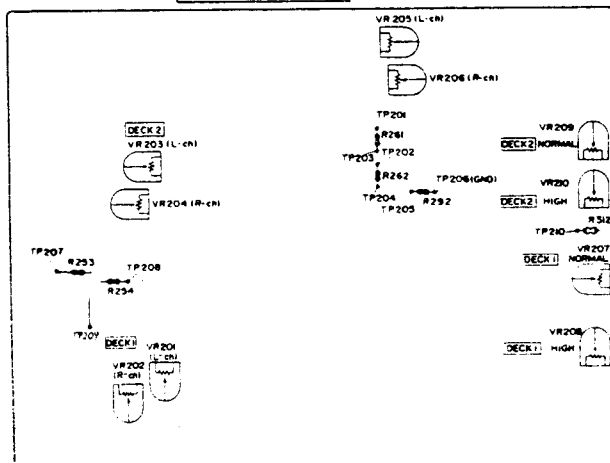


Figure 14-5 ADJUSTMENT POINTS

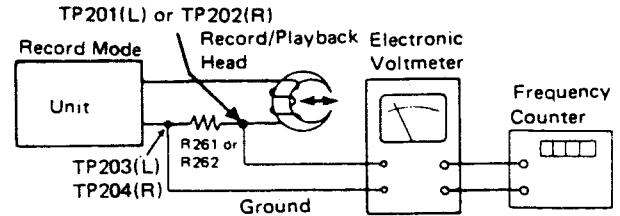


Figure 14-1 BIAS OSCILLATOR FREQUENCY/BIAS CURRENT

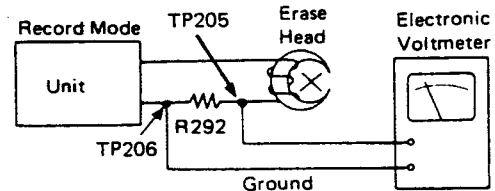


Figure 14-2 ERASE CURRENT

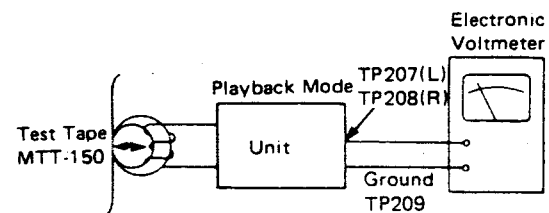


Figure 14-3 DECK 1/DECK 2 PLAYBACK SENSITIVITY

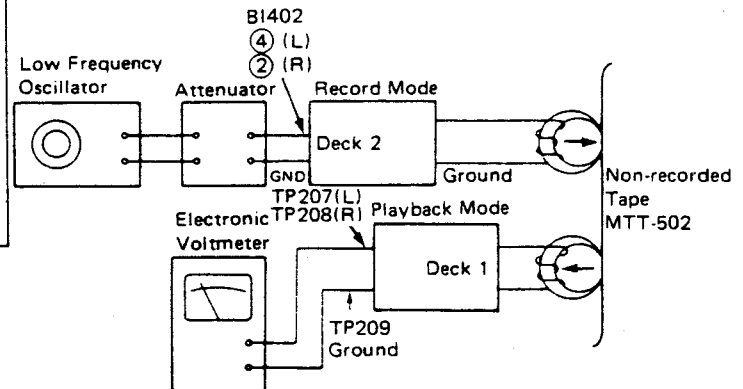
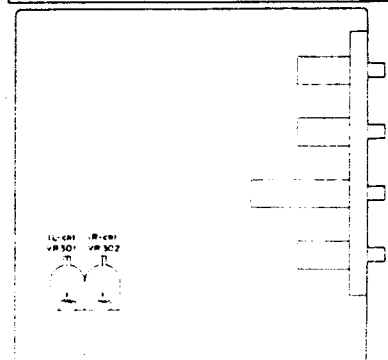


Figure 14-4 RECORD/PLAYBACK SENSITIVITY

TAPE SELECTOR SWITCH P.W.B.



④ **SCHALTUNGSEINSTELLUNG
(TONTTEIL)**

SCHALTER- UND STELLER- EINSTELL- POSITION	• Lautstärksteller: Maximal • Balancesteller: Mitting • Graphic Equalizer-Steller: Mittig • Funktionswahlschalter: Tape (Band) • Dolby-NR-Schalter: Aus • Bandsortenwahlschalter: Normal • Schwebungsunterdrückungsschalter: A		
BENENNUNG	EIN- GANG	EIN- STELL- PUNKT	BEMERKUNGEN (PRÜFUNG)
VORMAGNETI- SIERUNGS- SCHWING- FREQUENZ	—	L203	A: 85 ± 6 kHz B: $(-2 \pm 0,4)$ kHz C: $(-6 \pm 1,0)$ kHz
VORMAGNETI- SIERUNGS- STROM	—	L: VR205 R: VR206	Normalband: 42 mV CrO ₂ -Band: (55 – 75 mV)
LÖSCHSTROM	—	—	Normalband: (Über 50 mV) CrO ₂ -Band: (90 – 130 mV)
WIEDERGABE- EMPFIN- DICHKEIT VON DECK 1	Testband MTT-150	L: VR201 R: VR202	Normalband: 580 mV
WIEDERGABE- EMPFIN- DICHKEIT VON DECK 2	Testband MTT-150	L: VR203 R: VR204	Normalband: 580 mV
AUFNAHME-/ WIEDERGABE- EMPFIN- DICHKEIT	Unbespieltes Band (MTT-502) 1 Hz, –18 dB (1 V = 0 dB)	L: VR301 R: VR302	1. Den Dämpfung- sglied so einstellen, daß der elektronische Spannungsmesser 410 mV anzeigt. 2. Das bespielte Normalband wiedergeben und den Trimmer so einstellen, daß der elektronische Spannungsmesser 410 mV anzeigt.

⑤ **RÉGLAGE DU CIRCUIT
(SECTION DU AUDIO)**

RÉGLAGE DE LA POSITION DES COMMUTA- TEURS ET DES BOUTONS	• Commande de volume: Maximum • Commande d'équilibrage: Centre • Commandes d'égaliseur graphique: Centre • Commutateur de sélection de fonction: Bande • Commutateur Dolby NR: Coupé • Commutateur de sélection de bande: Normal • Commutateur de suppression de battement: A		
ARTICLE	ENTRÉE	POINT DE RÉGLAGE	REMARQUES (VÉRIFICATION)
FREQUENCE DE L'OSCILLA- TION DE POLARISATION	—	L203	A: 85 ± 6 kHz B: $(-2 \pm 0,4)$ kHz C: $(-6 \pm 1,0)$ kHz
COURANT DE POLARI- SATION	—	G: VR205 D: VR206	Normal: 42 mV CrO ₂ : (55 à 75 mV)
COURANT D'EFFACEMENT	—	—	Normal: (Sur 50 mV) CrO ₂ : (90 à 130 mV)
SENSIBILITÉ DE LECTURE DE LA PLATINE 1	Bande d'essai MTT-150	G: VR201 D: VR202	Normal: 580 mV
SENSIBILITÉ DE LECTURE DE LA PLATINE 2	Bande d'essai MTT-150	G: VR203 D: VR204	Normal: 580 mV
SENSIBILITÉ D'ENREGISTRE- MENT/ LECTURE	Bande non enregistrée (MTT-502) 1 Hz, –18 dB (1 V = 0 dB)	G: VR301 D: VR302	1. Régler la atténu- ateur de telle sorte que le voltmètre électronique indique 410 mV. 2. Lire une bande normale en- registrée et régler la résistance semi- variable de telle sorte que le volt- mètre électronique indique 410 mV.

⑤

CIRCUIT ADJUSTMENT (TUNER SECTION)

MW/LW IF/RF ADJUSTMENT

SIGNAL GENERATOR		400 Hz, 30%, AM modulated			
STEP	TEST STAGE	FRE- QUENCY	DIAL POINTER SETTING	AD- JUST- MENT	REMARKS
MW IF					
1	IF	455 kHz	High frequency	T2	Adjust for best "IF" curve.
MW RF					
2	Band coverage	513 kHz	Lowest frequency	L10	Adjust for maximal output.
3		1,650 kHz	Highest frequency	TC6	
4	Repeat steps 2 and 3 until no further improvement can be made.				
5	Tracking	600 kHz	600 kHz	L8	Adjust for maximal output.
6		1,400 kHz	1,400 kHz	TC4	
7	Repeat steps 5 and 6 until no further improvement can be made.				
LW RF					
8	Band coverage	144 kHz	Lowest frequency	L11	Adjust for maximal output.
9		295 kHz	Highest frequency	TC7	
10	Repeat steps 8 and 9 until no further improvement can be made.				
11	Tracking	160 kHz	160 kHz	L9	Adjust for maximal output.
12		260 kHz	260 kHz	TC5	
13	Repeat steps 11 and 12 until no further improvement can be made.				

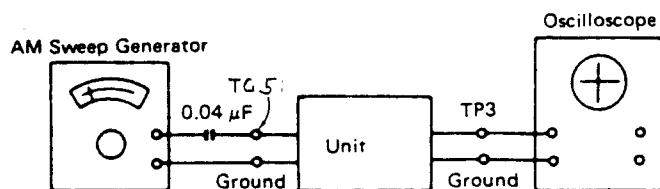


Figure 16-1 AM IF

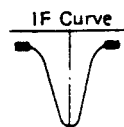


Figure 16-2

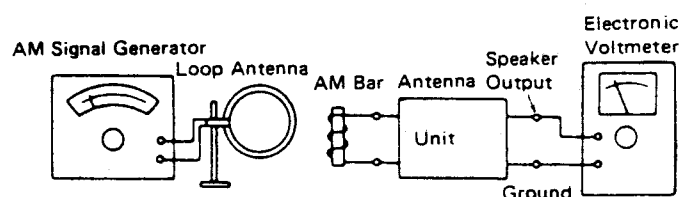
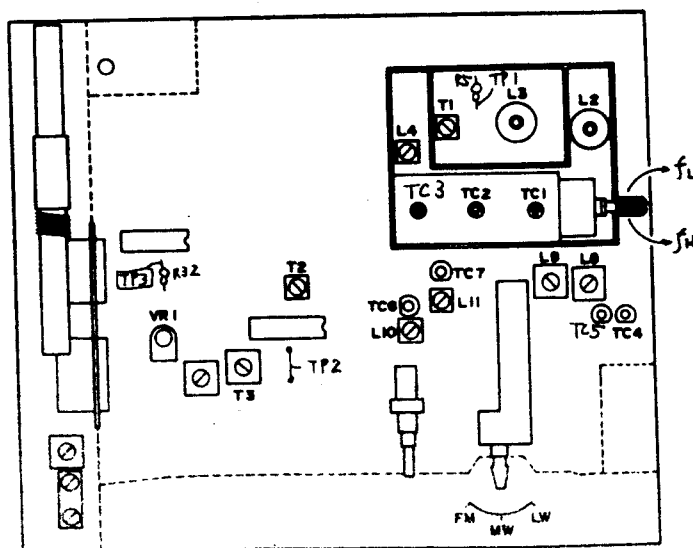


Figure 16-3 MW/LW RF



④ SCHALTUNGSEINSTELLUNG (TUNERTEIL)

MW/LW-ZF/HF EINSTELLUNG

SIGNAL-GENERATOR		400 Hz, 30%, AM-Modulation			
SCH- RITT	PRÜF- STUFE	FRE- QUENZ	SKALEN- ZEIGEREIN- STELLUNG	EIN- STEL- LUNG	BEMER- KUNGEN
MW ZF					
1	ZF	455 kHz	Hoch- frequenz	T2	Auf beste ZF-Kurve einstellen.
MW HF					
2	Fre- quenz- bereich	513 kHz	Unterste Frequenz	L10	Auf maximalen Ausgang einstellen.
3		1 650 kHz	Höchste Frequenz	TC6	
4	Die Schritte 2 und 3 wiederholen, bis keine weitere Verbesserung möglich ist.				
5	Gleich- lauf	600 kHz	600 kHz	L8	Auf maximalen Ausgang einstellen.
6		1 400 kHz	1 400 kHz	TC4	
7	Die Schritte 5 und 6 wiederholen, bis keine weitere Verbesserung möglich ist.				
LW HF					
8	Fre- quenz- bereich	144 kHz	Unterste Frequenz	L11	Auf maximalen Ausgang einstellen.
9		295 kHz	Höchste Frequenz	TC7	
10	Die Schritte 8 und 9 wiederholen, bis keine weitere Verbesserung möglich ist.				
11	Gleich- lauf	160 kHz	160 kHz	L9	Auf maximalen Ausgang einstellen.
12		260 kHz	260 kHz	TC5	
13	Die Schritte 11 und 12 wiederholen, bis keine weitere Verbesserung möglich ist.				

⑤ RÉGLAGE DU CIRCUIT (SECTION DU TUNER)

RÉGLAGE DE FI/RF AM

GÉNÉRATEUR DE SIGNAUX		400 Hz, 30% , modulé AM			
ÉTAPE	ÉTAGE D'ESSAI	FRÉ- QUENCE	MISE AU POINT DE L'INDEX	RÉ GLAGE	REMARQUES
FI PO					
1	FI	455 kHz	Haute fréquence	T2	Régler sur la meilleure courbe "FI".
RF PO					
2	Étendue de gamme d'ondes	513 kHz	Fréquence la plus basse	L10	Régler sur la sortie maximale.
3		1 650 kHz	Fréquence la plus élevée	TC6	
4	Refaire les étapes 2 et 3 jusqu'à ce qu'une amélioration ultérieure ne puisse plus être obtenue.				
5	Aligne- ment	600 kHz	600 kHz	L8	Régler sur la sortie maximale.
6		1 400 kHz	1 400 kHz	TC4	
7	Refaire les étapes 5 et 6 jusqu'à ce qu'une amélioration ultérieure ne puisse plus être obtenue.				
RF GO					
8	Étendue de gamme d'ondes	144 kHz	Fréquence la plus basse	L11	Régler sur la sortie maximale.
9		295 kHz	Fréquence la plus élevée	TC7	
10	Refaire les étapes 8 et 9 jusqu'à ce qu'une amélioration ultérieure ne puisse plus être obtenue.				
11	Aligne- ment	160 kHz	160 kHz	L9	Régler sur la sortie maximale.
12		260 kHz	260 kHz	TC5	
13	Refaire les étapes 11 et 12 jusqu'à ce qu'une amélioration ultérieure ne puisse plus être obtenue.				

E

FM IF/RF ADJUSTMENT

SWITCH POSITION		FM mono			
SIGNAL GENERATOR		1 kHz, 75 kHz dev., FM modulated.			
STEP	TEST STAGE	FRE-QUENCY	DIAL POINTER SETTING	AD-JUST-MENT	REMARKS
1	IF	10.7 MHz	High frequency	T1	1. Using a minus driver, turn the core of T3 counter-clockwise before taking it out of the bobbin. 2. Adjust for best "IF" curve.
2	Detection			T3	
3	Repeat steps 1 and 2 until no further improvement can be made.				
4	Band coverage	87.1 MHz	Lowest frequency	L4	Adjust for maximal output.
5		109.0 MHz	Highest frequency	TC2	
6	Repeat steps 4 and 5 until no further improvement can be made.				
7	Tracking	90 MHz	90 MHz	L3	Adjust for maximal output.
8		106 MHz	106 MHz	TC1, TC2	
9	Repeat steps 7 and 8 until no further improvement can be made.				

VCO FREQUENCY ADJUSTMENT

SIGNAL GENERATOR	1 kHz, 75kHz dev., FM modulated (mono signal)			
FREQUENCY	DIAL POINTER SETTING	ADJUSTMENT	REMARKS	
FM mono position			FM stereo position (unmodulated)	
98 MHz at 60 dB	98 MHz	VR1	Adjust for 38.00 kHz $\pm$ 60 Hz.	

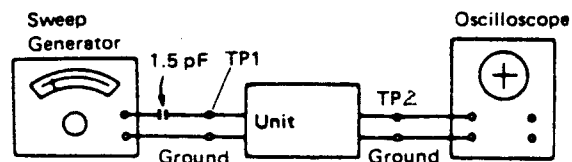


Figure 18-1 FM IF

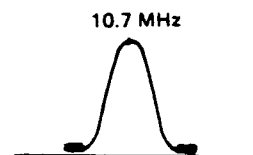


Figure 18-2 FM IF CURVE

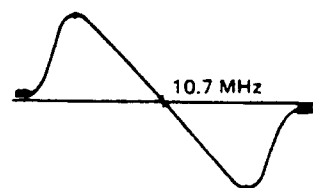


Figure 18-3 FM "S" CURVE

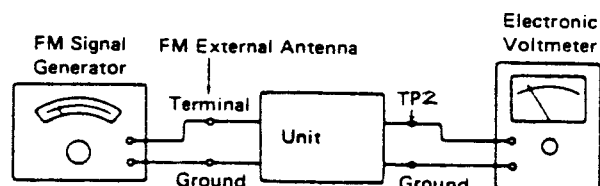


Figure 18-4 FM RF

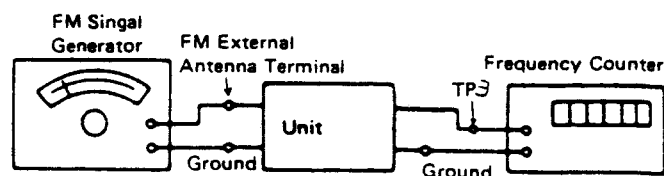


Figure 18-5 VCO FREQUENCY

④

UKW-ZF/HF-EINSTELLUNG

SCHALTER-STELLUNG		FM mono			
SIGNAL-GENERATOR		1 kHz, 75 kHz Abweichung, UKW-Modulation			
SCH-RITT	PRÜF-STUFE	FRE-QUENZ	SKALEN-ZEIGEREIN-STELLUNG	EIN-STEL-LUNG	BEMER-KUNGEN
1	ZF	10,7 MHz	Hoch-frequenz	T1	1. Den Kern von T3 mit Hilfe eines normalen Schraubenziehers entgegen dem Uhrzeigersinn drehen, bevor dieser aus der Spule genommen wird. 2. Auf beste ZF-Kurve einstellen.
2	Detek-tion			T3	Auf beste S-Kurve einstellen
3	Die Schritte 1 und 2 wiederholen, bis keine weitere Verbesserung möglich ist.				
4	Fre-quenz-bereich	87,1 MHz	Unterste Frequenz	L4	Auf maximalen Ausgang einstellen.
5		109,0 MHz	Höchste Frequenz	TC3	
6	Die Schritte 4 und 5 wiederholen, bis keine weitere Verbesserung möglich ist.				
7	Gleich-lauf	90 MHz	90 MHz	L3	Auf maximalen Ausgang einstellen.
8		106 MHz	106 MHz	TC1, TC2	
9	Die Schritte 7 und 8 wiederholen, bis keine weitere Verbesserung möglich ist.				

EINSTELLUNG DER VCO-FREQUENZ

SIGNAL-GENERATOR		1 kHz, 75 kHz Abweichung, UKW-Modulation (Mono-Signal)		
FREQUENZ	SKALEN-ZEIGEREIN-STELLUNG	EIN-STELLUNG	BEMERKUNGEN	
"FM mono" einstellen		"FM stereo" einstellen (unmoduliert)		
98 MHz bei 60 dB	98 MHz	VR1	Auf 38,00 kHz $\pm$ 60 Hz einstellen.	

DIE ANWEISUNG DER FREQUENZEINSTELLUNG

Um der Postverfügung Nr. 478/1981 zu entsprechen, wird der UKW-Frequenzbereich mit Hilfe der Oszillatorspule (L4 untere Eckfrequenz: 87,5 MHz) und des Oszillator-trimmers (TC3 obere Eckfrequenz: 108,0 MHz) eingestellt.

⑤

RÉGLAGE DE FI/RF FM

POSITION DU COMMUTEUR		FM mono			
GÉNÉRATEUR DE SIGNAUX		1 kHz, 75 kHz de déviation, modulé FM			
ÉTAPE	ÉTAGE D'ESSAI	FRÉ- QUENCE	MISE AU POINT DE L'INDEX	RÉ- GLAGE	REMARQUES
1	FI	10,7 MHz	Haute fréquence	T1	1. À l'aide d'un tournevis plat, tourner le noyau de T3 à gauche avant de le sortir de la bobine. 2. Régler sur la meilleure courbe "FI".
2	Détec- tion			T3	Régler sur la meilleure courbe "S".
3	Refaire les étapes 1 et 2 jusqu'à ce qu'une amélioration ultérieure ne puisse plus être obtenue.				
4	Étendur de gamme d'ondes	87,1 MHz	Fréquence la plus basse	L4	Régler sur la sortie maximale.
5		109,0 MHz	Fréquence la plus élevée	TC3	
6	Refaire les étapes 4 et 5 jusqu'à ce qu'une amélioration ultérieure ne puisse plus être obtenue.				
7	Aligne- ment	90 MHz	90 MHz	L3	Régler sur la sortie maximale.
8		106 MHz	106 MHz	TC1, TC2	
9	Refaire les étapes 7 et 8 jusqu'à ce qu'une amélioration ultérieure ne puisse plus être obtenue.				

RÉGLAGE DE LA FRÉQUENCE VCO

GÉNÉRATEUR DE SIGNAUX		1 kHz, 75 kHz de déviation, modulé FM (mono signal)		
FRÉQUENCE	MISE AU POINT DE L'INDEX	RÉGLAGE	REMARQUES	
Position FM mono		Position FM stéréo (non modulés)		
98 MHz à 60 dB	98 MHz	VR1	Réglage sur 38.00 kHz ± 60 Hz	

Ⓔ

NOTES ON SCHEMATIC DIAGRAM

- **Resistor:**
To differentiate the units of resistors, such symbol K and M are used: the symbol K means 1000 ohm and the symbol M means 1000 kohm and the resistor without any symbol is ohm-type resistor. Besides, the one with "Fusible" is a fuse type.
- **Capacitor:**
To indicate the unit of capacitor, a symbol P is used: this symbol P means micro-micro-farad and the unit of the capacitor without such a symbol is microfarad. As to electrolytic capacitor, the expression "capacitance/withstand voltage" is used.
(CH), (TH), (RH), (UJ): Temperature compensation
- The indicated voltage in each section is the one measured by Digital Multimeter between such a section and the chassis with no signal given.
- Schematic diagram and Wiring Side of P.W.Board for this model are subject to change for improvement without prior notice.
- Parts marked with "△" () are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

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ANMERKUNGEN ZUM SCHEMATISCHEN SCHALTPLAN

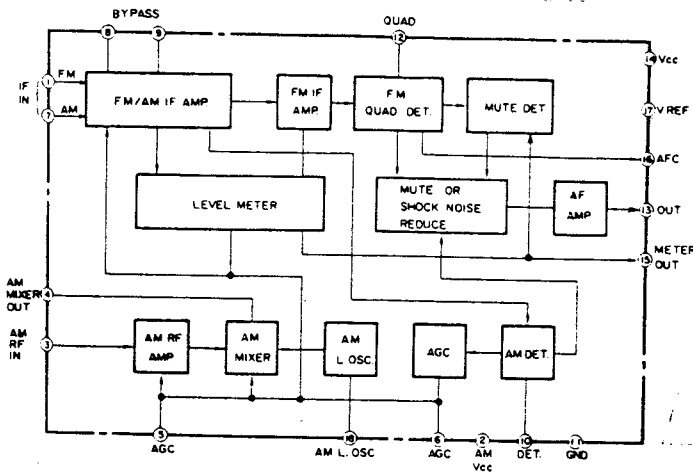
- **Widerstände:**
Um die Einheiten der Widerstände unterscheiden zu können, werden Symbole wie K und M benutzt. Das Symbol K bedeutet 1000 Ohm und das Symbol M 1 000 Kilo-ohm; Bei Widerständen ohne Symbol handelt es sich um ohmsche Widerstände. Außerdem sind die mit "Fusible" bezeichneten Widerstände Schmelzsicherungstypen.
- **Kondensatoren:**
Zum Bezeichnen der Kondensatoreinheit wird das Symbol P benutzt; dieses Symbol P bedeutet Nanofarad. Die Einheit eines Kondensators ohne Symbol ist Mikrofarad. Für Elektrolytkondensatoren wird die Bezeichnung "Kapazität / Stehspannung" benutzt.
(CH), (TH), (RH), (UJ): Temperaturkompensation
- Die in den einzelnen Teilen angegebenen Spannungen werden mit einem Digitalvielfachmeßgerät zwischen dem betreffenden Teil und dem Chassis ohne Signaleitung gemessen.
- Änderungen des schematischen Schaltplans und der Verdrahtungsseite der Leiterplatte für dieses Modell im Sinne von Verbesserungen jederzeit vorbehalten.
- Die mit △ () bezeichneten Teile sind besonders wichtig für die Aufrechterhaltung der Sicherheit. Beim Wechseln dieser Teile sollten die vorgeschriebenen Teile immer verwendet werden, um sowohl die Sicherheit als auch die Leistung des Gerätes aufrechtzuerhalten.

Ⓖ

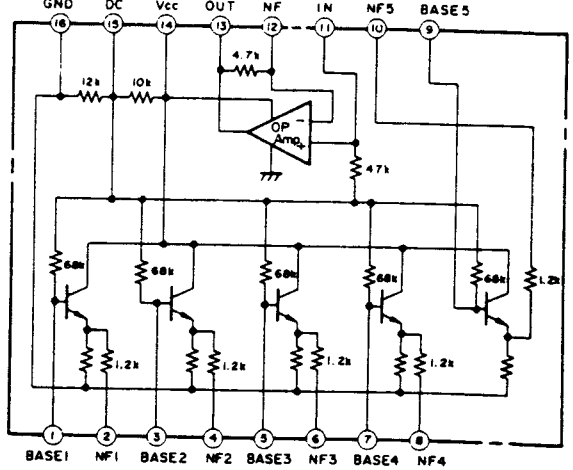
REMARQUES CONCERNANT LE DIAGRAMME SCHÉMATIQUE

- **Résistance:**
Pour différencier les unités de résistances, on utilise des symboles tels que K et M: le symbole K signifie 1000 ohms, le symbole M 1000 Kohms, et la résistance donnée sans symbole est une résistance de type ohm. En outre, celle qui est dotée de "Fusible" est de type à fusible.
- **Condensateur:**
Pour indiquer l'unité de condensateur, on utilise le symbole P; ce symbole P signifie micro-microfarad, et l'unité de condensateur donnée sans ce symbole est le microfarad. En ce qui concerne le condensateur électrolytique, on utilise l'expression "tension de régime/capacité".
(CH), (RH), (TH), (UJ): Compensation de température
- La tension indiquée dans chaque section est celle mesurée par un multimètre numérique entre la section en question et le châssis, en l'absence de tout signal.
- Le diagramme schématique et le côté câblage de la PMI de ce modèle sont sujets à modifications sans préavis pour l'amélioration de ce produit.
- Les pièces portant la marque △ () sont particulièrement importantes pour le maintien de la sécurité. S'assurer de les remplacer par des pièces du numéro de pièce spécifié pour maintenir la sécurité et la performance de l'appareil.

AN7223

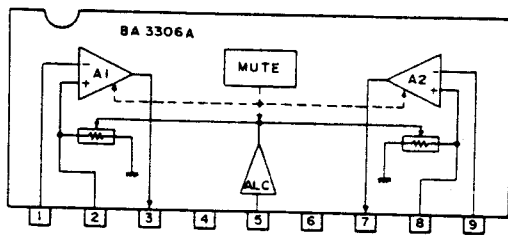


LA3600

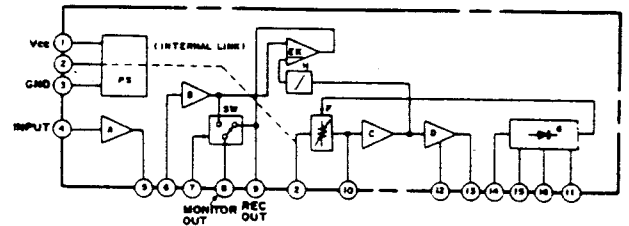


BA3306

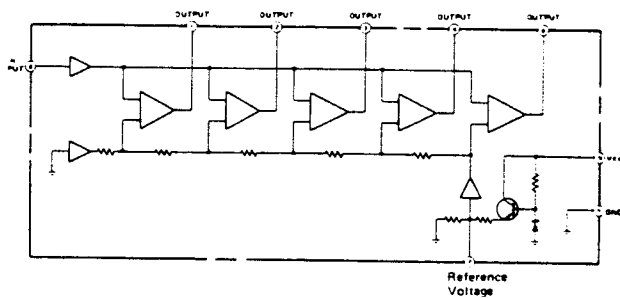
TOP VIEW



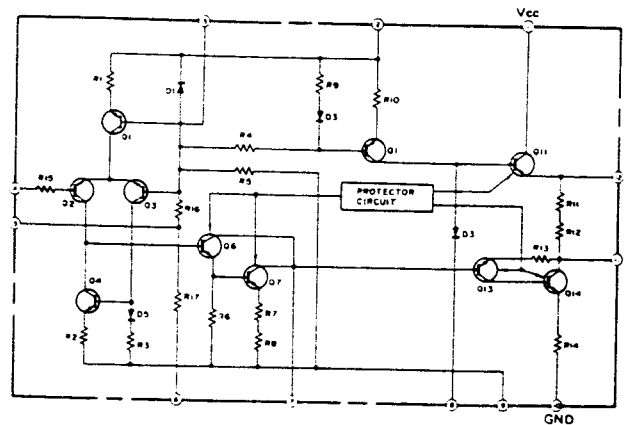
TA7629P



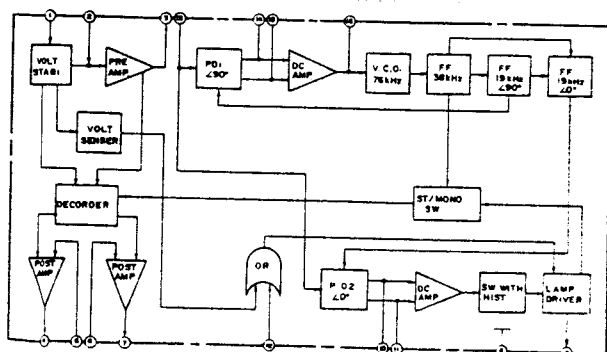
BA6104



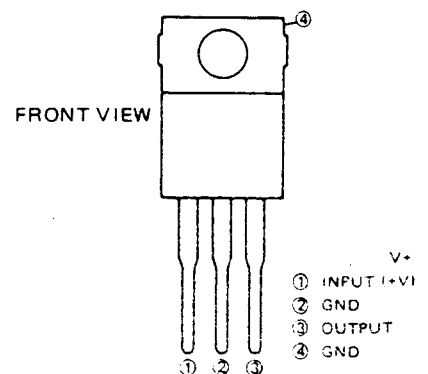
μPC1225H



HA12016



μPC7812H, T78012AP, HA17812, L7812



(E)

REPLACEMENT PARTS LIST

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly, and correctly, please furnish the following information.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

NOTE:

Parts marked with "△" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

(D)

ERSATZTEILLISTE

"BESTELLEN VON ERSATZTEILEN"

Um Ihren Auftrag schnell und richtig ausführen zu können, bitten wir um die folgenden Angaben.

1. MODELLNUMMER
2. REF. NR.
3. TEIL NR.
4. BESCHREIBUNG

ANMERKUNGEN:

Die mit △ bezeichneten Teile sind besonders wichtig für die Aufrechterhaltung der Sicherheit. Beim Wechseln dieser Teile sollten die vorgeschriebenen Teile immer verwendet werden, um sowohl die Sicherheit als auch die Leistung des Gerätes aufrechtzuerhalten.

(F)

LISTE DES PIÈCES DE RECHANGE

"COMMENT COMMANDER DES PIÈCES DE RECHANGE"

Pour voir votre commande exécutée de manière rapide et correcte, veuillez fournir les renseignements suivants.

1. NUMÉRO DU MODÈLE
2. N° DE RÉFÉRENCE
3. N° DE LA PIÈCE
4. DESCRIPTION

NOTE:

Les pièces portant la marque △ sont particulièrement importantes pour le maintien de la sécurité. S'assurer de les remplacer par des pièces du numéro de pièce spécifié pour maintenir la sécurité et la performance de l'appareil.

REF.NO.	PART NO.	DESCRIPTION	CODE
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INTEGRATED CIRCUITS

IC1	VHIAN7223/-1	FM/AM IF, Det., AN7223	AK
IC2	VHHA12016/-1	FM Multiplex, HA12016	
IC201	VHIUPC1228HA1	Deck 1, Playback Equalizer Amp., μPC1228HA	AE
IC202	VHIBA3306/-1	Deck 2, Playback Equalizer Amp., BA3306	AG
IC203	VHITA7629P/-1	Dolby NR Circuit, TA7629P	AL
IC204	VHITA7629P/-1	Dolby NR Circuit, TA7629P	AL
IC401	RH-IX1226AFZZ	Phono Equalizer Amp., NJM4558SD or LA6458SS	AE
IC403	VHILA3600/-1	Graphic Equalizer, LA3600	AG
IC404	VHILA3600/-1	Graphic Equalizer, LA3600	AG
IC501	VHIUPC1225H-1	Driver, μPC1225H	AK
IC502	VHIUPC1225H-1	Driver, μPC1225H	AK
IC601	RH-IX1285AFZZ	Voltage Regulator, μPC7812H or T78012AP or HA17812 or L7812	AG
IC701	VHIBA6104/-1	Led Driver, BA6104	AF

TRANSISTORS

Q1	VS3SK73-GR/-1	Silicon, FET, 3SK73 GR	
Q2	VS2SC1923B/-1	Silicon, NPN, 2SC1923 B	
Q3, 4	VS2SC394-Y/-1	Silicon, NPN, 2SC394 Y	
Q5, 6	VS2SC2603-G-1	Silicon, NPN, 2SC2603 G	
Q201	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q202	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q203	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q204	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q205	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q206	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q207	VS2SC2603-G-1	Silicon, NPN, 2SC2603 G	AB
Q208	VS2SC2603-G-1	Silicon, NPN, 2SC2603 G	AB
Q209	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q210	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q211	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q213	VS2SC2603-G-1	Silicon, NPN, 2SC2603 G	AB
Q214	VS2SC2603-G-1	Silicon, NPN, 2SC2603 G	AB
Q215	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q216	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q217	VS2SC2603-G-1	Silicon, NPN, 2SC2603 G	AB
Q218	VS2SC2603-G-1	Silicon, NPN, 2SC2603 G	AB
Q219	VS2SC2603-G-1	Silicon, NPN, 2SC2603 G	AB
Q220	VS2SC2603-G-1	Silicon, NPN, 2SC2603 G	AB
Q221	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q222	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q223	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q224	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q225	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB

REF.NO.	PART NO.	DESCRIPTION	CODE
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Q226	VS2SC2001-K-1	Silicon, NPN, 2SC2001 K	AD
Q227	VS2SA984-F/-1	Silicon, PNP, 2SA984 F	AC
Q228	VS2SA984-F/-1	Silicon, PNP, 2SA984 F	AC
Q301	VS2SC1815GR-1	Silicon, NPN, 2SC1815 GR	AB
Q302	VS2SC1815GR-1	Silicon, NPN, 2SC1815 GR	AB
Q303	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q304	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q305	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB

Q501	VS2SC2603-G-1	Silicon, NPN, 2SC2603 G	AB
Q502	VS2SC2603-G-1	Silicon, NPN, 2SC2603 G	AB
Q503	VS2SC1846R/-1	Silicon, NPN, 2SC1846 R	AD
Q504	VS2SC1846R/-1	Silicon, NPN, 2SC1846 R	AD
Q505	VS2SD1486//4F	Silicon, NPN, 2SD1486 P	AH
Q506	VS2SD1486//4F	Silicon, NPN, 2SD1486 P	AH
Q507	VS2SB1055//4F	Silicon, PNP, 2SB1055 P	AH
Q508	VS2SB1055//4F	Silicon, PNP, 2SB1055 P	AH
Q601	VS2SC2603-G-1	Silicon, NPN, 2SC2603 G	AB
Q602	VS2SC2603-G-1	Silicon, NPN, 2SC2603 G	AB
Q701	VS2SC1815GR-1	Silicon, NPN, 2SC1815 GR	AB
Q702	VS2SC1815GR-1	Silicon, NPN, 2SC1815 GR	AB

DIODES

D1	VHD1SS133/-1	Silicon, 1SS133	AA
D2	VHD1SS133/-1	Silicon, 1SS133	AA
D3	VHD1SS133/-1	Silicon, 1SS133	AA
D4	VHD1SS133/-1	Silicon, 1SS133	AA
D201	VHD1SS108/-1	Silicon, 1SS108	AB
D202	VHD1SS133/-1	Silicon, 1SS133	AA
D203	VHD1SS133/-1	Silicon, 1SS133	AA
D204	VHD1SS133/-1	Silicon, 1SS133	AA
D205	VHD1SS133/-1	Silicon, 1SS133	AA
D206	VHD1SS133/-1	Silicon, 1SS133	AA
D207	VHD1SS133/-1	Silicon, 1SS133	AA
D208	VHD1SS133/-1	Silicon, 1SS133	AA
D209	VHD1SS108/-1	Silicon, 1SS108	AB
D210	VHD1SS133/-1	Silicon, 1SS133	AA
D211	VHD1SS133/-1	Silicon, 1SS133	AA
D212	VHD1SS133/-1	Silicon, 1SS133	AA
D213	VHD1SS133/-1	Silicon, 1SS133	AA
D214	VHD1SS133/-1	Silicon, 1SS133	AA
D215	VHD1SS133/-1	Silicon, 1SS133	AA
D216	VHD1SS108/-1	Silicon, 1SS108	AB
D217	VHD1SS108/-1	Silicon, 1SS108	AB
D601	VHDS4VB20/-1	Silicon, Bridge, S4VB20	AG
D602	VHD11E1TA2/-1	Silicon, 11E1	AB
D603	VHD11E1TA2/-1	Silicon, 11E1	AB
D604	VHD11E1TA2/-1	Silicon, 11E1	AB
D605	VHD11E1TA2/-1	Silicon, 11E1	AB
D606	VHD11E1TA2/-1	Silicon, 11E1	AB
D607	VHD1SS133/-1	Silicon, 1SS133	AA
D701	VHD1SS108/-1	Silicon, 1SS108	AB

REF.NO.	PART NO.	DESCRIPTION	CODE
D702	VHD1SS108//1	Silicon, 1SS108	AB
D703	VHD1SS108//1	Silicon, 1SS108	AB
D704	VHD1SS108//1	Silicon, 1SS108	AB
D705	VHD1SS133//1	Silicon, 1SS133	AA
D706	VHD1SS133//1	Silicon, 1SS133	AA
LED1	VHPLT5PR21A-1	LED, Red, LT5PR21A	AB
LED701	VHPGL-9PR20-1	LED, Red, GL-9PR20	AB
LED702	VHPGL-9PR20-1	LED, Red, GL-9PR20	AB
LED703	VHPGL-9PR20-1	LED, Red, GL-9PR20	AB
LED704	VHPGL-9PR20-1	LED, Red, GL-9PR20	AB
LED705	VHPGL-9PR20-1	LED, Red, GL-9PR20	AB
ZD1	VHEHZS5.6JB11	Zener, 5.6V, HZS5.6JB1	AB
ZD201	VHEHZS5.6JB11	Zener, 5.6V, HZS5.6JB1	AB
ZD301	VHEHZS5.6JB11	Zener, 5.6V, HZS5.6JB1	AB
ZD801	VHERD160JS1-1	Zener, 16V, RD160JS1	AB
ZD802	VHERD160JS1-1	Zener, 16V, RD160JS1	AB

COILS

L1	RCILA0777AFZZ	FM Balun	
L2	RCILA0746AFZZ	FM Antenna	
L3	RCILR0384AFZZ	FM RF	
L4	RCILB0681AFZZ	FM Oscillation	
L5	VP-CV2RZM0000	2.2μH, Choke	
L6	VP-DH4RZM0000	2.2μH, Choke	
L7	RCILA0698AFZZ	FM Bat Antenna	
L8	RCILA0703AFZZ	MW Antenna	
L9	RCILA0622AFZZ	LW Antenna	
L10	RCILB0622AFZZ	MW Oscillation	
L11	RCILB0622AFZZ	LW Oscillation	
L201	RCILF0085AFZZ	47 mH, Bias Trap	AC
L202	RCILF0085AFZZ	47 mH, Bias Trap	AC
L203	RCILB0751AFZZ	Bias Oscillation	AG
L204	VP-DH561K0000	560 μH, Choke	AB
L205	RCILZ0121AFZZ	100 μH, Noise Killer	AC
L206	RCILZ0121AFZZ	100 μH, Noise Killer	AC
L301	RCILZ0086AFZZ	6.8 mH, Rec. Equalizer	AC
L302	RCILZ0086AFZZ	6.8 mH, Rec. Equalizer	AC
L701	VP-DH101K0000	100 μH, Choke	AB
L501, 502	RCILZ0137AFZZ	0.29μH,	

TRANSFORMERS

T1	RCIL10322AFZZ	FM IF	
T2	RCIL10293AFZZ	AM IF	AD
T3	RCILD0080AFZZ	FM Detector	
ΔT901	RTRNP1184AFZZ	Power	

FILTERS

CF1	RFILF0107AFZZ	FM IF, Ceramic	AD
CF2	RFILF0107AFZZ	FM IF, Ceramic	AD
CF3	RFILA0074AFZZ	AM IF, 455 kHz	AE
FL201	RCILL0101AFZZ	Dolby Multiplex	AG
FL202	RCILL0101AFZZ	Dolby Multiplex	AG
FL1	RCILZ0144AFZZ	Low Pass	
FL2	RCILL0075AFZZ	Low Pass	

CONTROLS

VR1	RVC-W0056AFZZ	Variable Capacitors, Tuning with Trimmers	
VR201	RVR-M0343AFZZ	5 kohms(B)	AB
VR202	RVR-M0240AFZZ	20 kohms(B)	AB
VR203	RVR-M0392AFZZ	20 kohms(B)	AB
VR204	RVR-M0392AFZZ	20 kohms(B)	AB
VR205	RVR-M0394AFZZ	50 kohms (B)	AB
VR206	RVR-M0394AFZZ	50 kohms (B)	AB
VR207	RVR-M0390AFZZ	5 kohms(B)	AB
VR208	RVR-M0390AFZZ	5 kohms(B)	AB
VR209	RVR-M0390AFZZ	5 kohms(B)	AB
TC4	RTD-H1065AFZZ	MW Antenna Trimmer	
TC5	RTS-H1072AFZZ	LW Antenna Trimmer	
TC6	RTS-H1065AFZZ	MW Oscillation Trimmer	
TC7	RTS-H1072AFZZ	LW Oscillation Trimmer	

REF.NO.	PART NO.	DESCRIPTION	CODE
VR210	RVR-M0390AFZZ	5 kohms(B)	AB
VR301	RVR-M0391AFZZ	10 kohm (B)	AB
VR302	RVR-M0391AFZZ	10 kohm (B)	AB
VR401	RVR-Q0176AFZZ	100 kohm (G)	AG
VR402	RVR-Q0176AFZZ	100 kohm (G)	AG
VR403	RVR-Q0176AFZZ	100 kohm (G)	AG
VR404	RVR-Q0176AFZZ	100 kohm (G)	AG
VR405	RVR-Q0176AFZZ	100 kohm (G)	AG
VR406	RVR-Q0166AFZZ	100 kohm (G)	AF
VR407	RVR-P0120AFZZ	100 kohm (A)	AF
VR501	RVR-M0405AFZZ	2 kohms (B)	AB
VR502	RVR-M0405AFZZ	2 kohms (B)	AB

ELECTROLYTIC CAPACITORS

(Unless otherwise specified electrolytic capacitors are ±20% type.)

C33	RC-EZA105AFIH	1 μF, 50V	
C34	RC-EZV335AFIH	3.3 μF, 50V	
C35	RC-EZA106AFIC	10 μF, 16V	
C41	RC-EZA107AFIA	100 μF, 10V	
C46	RC-EZA107AFIA	100 μF, 10V	
C49	RC-EZA105AFIH	1 μF, 50V	
C50	RC-EZA106AFIC	10 μF, 16V	
C52	RC-EZA104AFIH	0.1 μF, 50V	
C53	RC-EZA107AFIA	100 μF, 10V	
C54	RC-EZA475AFIE	4.7 μF, 25V	
C59	RC-EZA106AFIC	10 μF, 16V	
C60	RC-EZA475AFIE	4.7 μF, 25V	
C61	RC-EZA105AFIH	1 μF, 50V	
C62	RC-EZA107AFIC	100 μF, 16V	
C66	RC-EZA225AFIH	2.2 μF, 50V	
C67	RC-EZA105AFIH	1 μF, 50V	
C68	RC-EZA335AFIH	3.3 μF, 50V	
C69, 70	RC-EZA226AFIC	22 μF, 16V	
C73, 74	RC-EZA105AFIH	1 μF, 50V	
C203	VCEALA1HW105M	1 μF, 50V	AB
C204	VCEALA1HW105M	1 μF, 50V	AB
C207	RC-EZA476AFIA	47 μF, 10V	AB
C208	RC-EZA476AFIA	47 μF, 10V	AB
C211	RC-EZA106AFIC	10 μF, 16V	AB
C212	RC-EZA106AFIC	10 μF, 16V	AB
C219	RC-EZA107AFIC	100 μF, 16V	AB
C220	RC-EZA475AFIE	4.7 μF, 25V	AB
C225	RC-EZA474AFIH	0.47 μF, 50V	AB
C226	RC-EZA474AFIH	0.47 μF, 50V	AB
C231	RC-EZA227AFIA	220 μF, 10V	AB
C232	RC-EZA227AFIA	220 μF, 10V	AB
C233	RC-EZA104AFIH	0.1 μF, 50V	AB
C234	RC-EZA104AFIH	0.1 μF, 50V	AB
C235	RC-EZA334AFIH	0.33 μF, 50V	AB
C236	RC-EZA334AFIH	0.33 μF, 50V	AB
C237	RC-EZA106AFIC	10 μF, 16V	AB
C238	RC-EZA106AFIC	10 μF, 16V	AB
C239	RC-EZA106AFIC	10 μF, 16V	AB
C240	RC-EZA106AFIC	10 μF, 16V	AB
C249	RC-EZA475AFIE	4.7 μF, 25V	AB
C250	RC-EZA475AFIE	4.7 μF, 25V	AB
C251	RC-EZA475AFIE	4.7 μF, 25V	AB
C252	RC-EZA475AFIE	4.7 μF, 25V	AB
C255	RC-EZA225AFIH	2.2 μF, 50V	AB
C261	RC-EZA106AFIC	10 μF, 16V	AB
C262	RC-EZA106AFIC	10 μF, 16V	AB
C263	RC-EZA475AFIE	4.7 μF, 25V	AB
C264	RC-EZA107AFIC	100 μF, 16V	AB
C267	VCEALA1HW105M	1 μF, 50V	AB
C268	VCEALA1HW105M	1 μF, 50V	AB
C269	RC-EZA475AFIE	4.7 μF, 25V	AB
C271	RC-EZA107AFIA	100 μF, 10V	AB
C272	RC-EZA107AFIA	100 μF, 10V	AB

REF.NO.	PART NO.	DESCRIPTION	CODE
C276	RC-EZA106AF1C	10 μ F, 16V	AB
C277	RC-EZA106AF1C	10 μ F, 16V	AB
C278	RC-EZA476AF1A	47 μ F, 10V	AB
C283	RC-EZA475AF1E	4.7 μ F, 25V	AB
C284	RC-EZA475AF1E	4.7 μ F, 25V	AB
C292	RC-EZA475AF1E	4.7 μ F, 25V	AB
C295	RC-EZA105AF1H	1 μ F, 50V	AB
C297	RC-EZA105AF1H	1 μ F, 50V	AB
C298	RC-EZA107AF1C	100 μ F, 16V	AB
C300	RC-EZA105AF1H	1 μ F, 50V	AB
C301	RC-EZA475AF1E	4.7 μ F, 25V	AB
C302	RC-EZA475AF1E	4.7 μ F, 25V	AB
C303	RC-EZA104AF1H	0.1 μ F, 50V	AB
C304	RC-EZA104AF1H	0.1 μ F, 50V	AB
C305	RC-EZA106AF1C	10 μ F, 16V	AB
C306	RC-EZA106AF1C	10 μ F, 16V	AB
C309	RC-EZA475AF1E	4.7 μ F, 25V	AB
C310	RC-EZA475AF1E	4.7 μ F, 25V	AB
C322	RC-EZA107AF1C	100 μ F, 16V	AB
C323	RC-EZA476AF1A	47 μ F, 10V	AB
C324	RC-EZA476AF1A	47 μ F, 10V	AB
C405	RC-EZA226AF1C	22 μ F, 16V	AG
C406	RC-EZA226AF1C	22 μ F, 16V	AG
C411	RC-EZA105AF1H	1 μ F, 50V	AB
C412	RC-EZA105AF1H	1 μ F, 50V	AB
C415	RC-EZA105AF1H	1 μ F, 50V	AB
C416	RC-EZA105AF1H	1 μ F, 50V	AB
C423	RC-EZA105AF1H	1 μ F, 50V	AB
C424	RC-EZA105AF1H	1 μ F, 50V	AB
C427	RC-EZA224AF1H	0.22 μ F, 50V	AB
C428	RC-EZA224AF1H	0.22 μ F, 50V	AB
C441	RC-EZA226AF1C	22 μ F, 16V	AG
C442	RC-EZA226AF1C	22 μ F, 16V	AG
C443	RC-EZV107AF1C	100 μ F, 16V	AB
C444	RC-EZV107AF1C	100 μ F, 16V	AB
C445	RC-EZA105AF1H	1 μ F, 50V	AB
C446	RC-EZA105AF1H	1 μ F, 50V	AB
C501	RC-EZA335AF1H	3.3 μ F, 50V	AB
C502	RC-EZA335AF1H	3.3 μ F, 50V	AB
C507	RC-EZA107AF1A	100 μ F, 10V	AB
C508	RC-EZA107AF1A	100 μ F, 10V	AB
C603	RC-EZA106AF1H	10 μ F, 50V	AB
C605	RC-EZW108AF1V	1000 μ F, 35V	AF
C606	RC-EZV337AF1C	330 μ F, 16V	AC
C608	RC-EZ1312AFZZ	5600 μ F, 50V	AM
C609	RC-EZ1312AFZZ	5600 μ F, 50V	AM
C610	RC-EZA106AF1H	10 μ F, 50V	AB
C611	RC-EZA107AF1A	100 μ F, 10V	AB
C612	RC-EZA106AF1H	10 μ F, 50V	AB
C704	RC-EZA335AF1H	3.3 μ F, 50V	AB
C705	RC-EZA227AF1C	220 μ F, 16V	AB
C707	RC-EZA105AF1H	1 μ F, 50V	AB
C708	RC-EZA105AF1H	1 μ F, 50V	AB
C711	RC-EZA227AF1C	220 μ F, 16V	AB
AC901	RC-FZ082s AFZZ	0.047 μ F, 250V	AF

REF.NO.	PART NO.	DESCRIPTION	CODE
CAPACITORS			
There are two types of capacitors available and they can be identified from each other by reading their Part Numbers.			
• Ceramic type capacitor;			
A symbol "C" or "K" is given at the 3rd digit of its Part Number like "VCC (or K).....J."			
• Semiconductor type capacitor;			
A symbol "T" is given at the 3rd digit of its Part Number like "VCT.....J."			
The capacitance error of each capacitor is indicated by the symbol given at the 13th digit of the Part Number as follows: "J" ($\pm 5\%$), "K" ($\pm 10\%$), "M" ($\pm 20\%$), "N" ($\pm 30\%$), "C" (± 0.25 pF), "D" (± 0.5 pF), "Z" ($+80-20\%$).			
C1	VCCSPA1HL101J	100 pF, 50V	
C2	VCCCPA1HH330J	33 pF(CH), 50V	
C3	VCCSPA1HL2R0C	2 pF, 50V	
C4	VCCTPA1HH120J	12 pF(TH), 50V	
C5	VCTYPA1EX222K	0.0022 μ F, 25V	
C6	VCCSPA1HL1R5C	1.5 pF, 50V	
C7	VCCTPA1HH200J	20 pF(TH), 50V	
C8,9,10	VCTYPA1EX223K	0.022 μ F, 25V	
C11	VCCCPA1HL101J	100 pF, 50V	
C12,13,14	VCTYPA1EX223K	0.022 μ F, 25V	
C15	VCCCPA1HHK50C	0.5 pF(CH), 50V	
C16	VCCCPA1HL101J	100 pF, 50V	
C17	VCCCPA1HH180J	18 pF(RH), 50V	
C18	VCCTPA1HH100J	10 pF(TH), 50V	
C19	VCCCPA1HH330J	33 pF(CH), 50V	
C20	VCCTPA1HH3R0D	8 pF(TH), 50V	
C22	VCCTPA1HH3R0D	8 pF(TH), 50V	
C23	VCCTPA1HH680J	68 pF(TH), 50V	
C26	VCCCPA1HH330J	33 pF(CH), 50V	
C27	VCCTPA1HH7R0J	7 pF(TH), 50V	
C28	VCCCPA1HT150J	15 pF(WJ), 50V	
C30	VCCSPA1HL181J	180 pF, 50V, 5%tol	
C31	VCCCPA1HH390J	39 pF(CH), 50V	
C42	VCTYPA1EX223K	0.022 μ F, 25V	
C43	VCCSPA1HL680J	68 pF, 50V	
C44,45	VCTYPA1EX223K	0.022 μ F, 25V	
C47,48	VCTYPA1EX223K	0.022 μ F, 25V	
C55	VCCSPA1HL151J	150 pF, 50V	
C58	VCTYPA1EX122J	0.0012 μ F, 25V	
C62	VCTYPA1EX473K	0.047 μ F, 25V	
C64	VCCSPA1HL102J	0.001 μ F, 50V, 5%tol	
C65	VCCYKA1HM493K	0.047 μ F, 50V, Mylar	
C71,72	VCTYPA1EX122K	0.0012 μ F, 25V	
C201	VCCSPA1HL471J	470 pF, 50V	AA
C202	VCCSPA1HL471J	470 pF, 50V	AA
C205	VCCSPA1HL221J	220 pF, 50V	AA
C206	VCCSPA1HL221J	220 pF, 50V	AA
C209	VCTYPA1EX472J	0.0047 μ F, 25V	AA
C210	VCTYPA1EX472J	0.0047 μ F, 25V	AA
C213	VCTYPA1EX123J	0.012 μ F, 25V	AA
C214	VCTYPA1EX123J	0.012 μ F, 25V	AA
C215	VCTYPA1EX393J	0.039 μ F, 25V	AB
C216	VCTYPA1EX393J	0.039 μ F, 25V	AB
C217	VCTYPA1EX333J	0.033 μ F, 25V	AB
C218	VCTYPA1EX333J	0.033 μ F, 25V	AB
C221	VCCSPA1HL271J	270 pF, 50V	AA
C222	VCCSPA1HL271J	270 pF, 50V	AA
C223	VCCSPA1HL271J	270 pF, 50V	AA
C224	VCCSPA1HL271J	270 pF, 50V	AA
C227	VCCSPA1HL560J	56 pF, 50V	AA
C228	VCCSPA1HL560J	56 pF, 50V	AA
C229	VCTYPA1EX222J	0.0022 μ F, 25V	AA
C230	VCTYPA1EX222J	0.0022 μ F, 25V	AA
C243	VCTYPA1EX472J	0.0047 μ F, 25V	AA

REF.NO.	PART NO.	DESCRIPTION	CODE	REF.NO.	PART NO.	DESCRIPTION	CODE
C244	VCTYPA1EX472J	0.0047 μ F, 25V	AA	C440	VCTYPA1EX392K	0.0039 μ F, 25V	AB
C245	VCTYPA1EX473J	0.047 μ F, 25V	AB	C451	VCTYPA1EX473K	0.047 μ F, 25V	AA
C246	VCTYPA1EX473J	0.047 μ F, 25V	AB	C452	VCTYPA1EX473K	0.047 μ F, 25V	AA
C247	VCTYPA1EX273J	0.027 μ F, 25V	AB	C503	VCCSPA1HL181K	180 pF, 50V	AA
C248	VCTYPA1EX273J	0.027 μ F, 25V	AB	C504	VCCSPA1HL181K	180 pF, 50V	AA
C253	VCTYPA1EX562J	0.0056 μ F, 25V	AA	C505	VCCSPA1HL181K	180 pF, 50V	AA
C254	VCTYPA1EX562J	0.0056 μ F, 25V	AA	C506	VCCSPA1HL181K	180 pF, 50V	AA
C256	VCKYPA1HB102K	0.001 μ F, 50V	AA	C509	VCCSPA1HL150J	15 pF, 50V	AA
C257	VCKYPA1HB102K	0.001 μ F, 50V	AA	C510	VCCSPA1HL150J	15 pF, 50V	AA
C258	VCKYPA1HB102K	0.001 μ F, 50V	AA	C511	VCQYKA1HM333K	0.033 μ F, 50V, Mylar	AB
C259	VCKYPA1HB102K	0.001 μ F, 50V	AA	C512	VCQYKA1HM333K	0.033 μ F, 50V, Mylar	AB
C260	VCKYPA1HB102K	0.001 μ F, 50V	AA	C513	VCQYKU1HM104K	0.1 μ F, 50V, Mylar	AB
C265	VCTYPA1EX122J	0.0012 μ F, 25V	AA	C514	VCQYKU1HM104K	0.1 μ F, 50V, Mylar	AB
C266	VCTYPA1EX122J	0.0012 μ F, 25V	AA	C515	VCQYKU1HM104K	0.1 μ F, 50V, Mylar	AB
C269	VCCSPA1HL221J	220 pF, 50V	AA	C516	VCQYKU1HM104K	0.1 μ F, 50V, Mylar	AB
C270	VCCSPA1HL221J	220 pF, 50V	AA	C517~520	VCTYPA1EX222K	0.022 μ F, 25V	
C273	VCTYPA1EX472J	0.0047 μ F, 25V	AA	C521, 522	VCTYPA1EX102K	0.001 μ F, 25V	
C274	VCTYPA1EX472J	0.0047 μ F, 25V	AA	C601	VCQYKU2AM224K	0.022 μ F, 100V, Mylar	AD
C279	VCTYPA1EX103J	0.01 μ F, 25V	AA	C602	VCQYKU1HM224K	0.022 μ F, 50V, Mylar	AD
C280	VCTYPA1EX103J	0.01 μ F, 25V	AA	C604	VCQYKU1HM104K	0.1 μ F, 50V, Mylar	AB
C281	VCTYPA1EX273J	0.027 μ F, 25V	AB	C607	VCTYPA1EX473K	0.047 μ F, 25V	AA
C282	VCTYPA1EX273J	0.027 μ F, 25V	AB	C703	VCTYPA1EX103K	0.01 μ F, 25V	AA
C285	VCCSPA1HL221J	220 pF, 50V	AA	C706	VCTYPA1EX103K	0.01 μ F, 25V	AA
C286	VCCSPA1HL221J	220 pF, 50V	AA	C709	VCQYKA1HM 3K	0.0 μ F, 50V, Mylar	AB
C287	VCCSPA1HL561J	560 pF, 50V	AA	C710	VCQYKA1HM 3K	0.0 μ F, 50V, Mylar	AB
C288	VCCSPA1HL561J	560 pF, 50V	AA				
C289	VCQYKA1HM332J	0.0033 μ F, 50V, Mylar	AB				
C290	VCQYKA1HM102J	0.001 μ F, 50V, Mylar	AB				
C291	VCQPKV2AA183J	0.018 μ F, 100V, Polypropylene	AB				
C293	VCTYPA1EX682J	0.0068 μ F, 25V	AA				
C294	VCTYPA1EX103J	0.01 μ F, 25V	AA				
C296	VCKZPA1HF223Z	0.022 μ F, 50V	AA				
C299	VCKZPA1HF223Z	0.022 μ F, 50V	AA				
C307	VCTYPA1EX562J	0.0056 μ F, 25V	AA				
C308	VCTYPA1EX562J	0.0056 μ F, 25V	AA				
C313	VCTYPA1EX153J	0.015 μ F, 25V	AA				
C314	VCTYPA1EX153J	0.015 μ F, 25V	AA				
C315	VCTYPA1EX682J	0.0068 μ F, 25V	AA				
C316	VCTYPA1EX682J	0.0068 μ F, 25V	AA				
C317	VCTYPA1EX562J	0.0056 μ F, 25V	AA				
C318	VCTYPA1EX562J	0.0056 μ F, 25V	AA				
C321	VCKZPA1HF223Z	0.022 μ F, 50V	AA				
C401	VCCSPA1HL221J	220 pF, 50V	AA				
C402	VCCSPA1HL221J	220 pF, 50V	AA				
C403	VCCSPA1HL221J	220 pF, 50V	AA				
C404	VCCSPA1HL221J	220 pF, 50V	AA				
C407	VCTYPA1EX822J	0.0082 μ F, 25V	AA				
C408	VCTYPA1EX822J	0.0082 μ F, 25V	AA				
C409	VCTYPA1EX222J	0.0022 μ F, 25V	AA				
C410	VCTYPA1EX222J	0.0022 μ F, 25V	AA				
C413	VCCSPA1HL561K	560 pF, 50V	AA				
C414	VCCSPA1HL561K	560 pF, 50V	AA				
C417	VCCSPA1HL101J	100 pF, 50V	AA				
C418	VCCSPA1HL101J	100 pF, 50V	AA				
C419	VCCSPA1HL101J	100 pF, 50V	AA				
C420	VCCSPA1HL101J	100 pF, 50V	AA				
C421	VCTYPA1EX683K	0.068 μ F, 25V	AB				
C422	VCTYPA1EX683K	0.068 μ F, 25V	AB				
C425	VCTYPA1EX223K	0.022 μ F, 25V	AA				
C426	VCTYPA1EX223K	0.022 μ F, 25V	AA				
C429	VCTYPA1EX562K	0.0056 μ F, 25V	AA				
C430	VCTYPA1EX562K	0.0056 μ F, 25V	AA				
C431	VCTYPA1EX563K	0.056 μ F, 25V	AA				
C432	VCTYPA1EX563K	0.056 μ F, 25V	AA				
C433	VCTYPA1EX152K	0.0015 μ F, 25V	AA				
C434	VCTYPA1EX152K	0.0015 μ F, 25V	AA				
C435	VCTYPA1EX153K	0.015 μ F, 25V	AA				
C436	VCTYPA1EX153K	0.015 μ F, 25V	AA				
C437	VCCSPA1HL331J	330 pF, 50V	AA				
C438	VCCSPA1HL331J	330 pF, 50V	AA				
C439	VCTYPA1EX392K	0.0039 μ F, 25V	AB				

RESISTORS

Unless otherwise specified, resistors are $\pm 5\%$, carbon type)

R1	VRD-ST2CD102J	1 kohms, 1/4W	AA
R2	VRD-ST2CD152J	1.5 kohms, 1/6W	AA
R3	VRD-ST2CD472J	47 ohms, 1/6W	AA
R4	VRD-ST2CD101J	100 ohms, 1/6W	AA
R5	VRD-ST2CD474J	470 kohms, 1/6W	AA
R6	VRD-ST2CD100J	10 ohms, 1/6W	AA
R7	VRD-ST2CD122J	1.2 kohms, 1/6W	AA
R8	VRD-ST2CD101J	100 ohms, 1/6W	AA
R9	VRD-ST2CD334J	330 kohms, 1/6W	AA
R10	VRD-ST2CD220J	22 ohms, 1/6W	AA
R11	VRD-ST2CD102J	1 kohms, 1/6W	AA
R12	VRD-ST2CD471J	470 ohms, 1/6W	AA
R13	VRD-ST2CD683J	68 kohms, 1/6W	AA
R14	VRD-ST2CD104J	100 kohms, 1/6W	AA
R15	VRD-ST2CD221J	220 ohms, 1/6W	AA
R16	VRD-ST2CD104J	100 kohms, 1/6W	AA
R17	VRD-ST2CD102J	1 kohms, 1/6W	AA
R18	VRD-ST2EE331J	330 ohms, 1/4W	AA
R19	VRD-ST2CD220J	22 ohms, 1/6W	AA
R20	VRD-ST2CD332J	330 kohms, 1/6W	AA
R21	VRD-ST2CD101J	100 ohms, 1/6W	AA
R22	VRD-ST2CD680J	68 ohms, 1/6W	AA
R23	VRD-ST2CD330J	33 ohms, 1/6W	AA
R24	VRD-ST2EE391J	390 ohms, 1/4W	AA
R25	VRD-ST2CD821J	820 ohms, 1/6W	AA
R26	VRD-ST2CD123J	12 kohms, 1/6W	AA
R27	VRD-ST2CD472J	47 kohms, 1/6W	AA
R28	VRD-ST2CD473J	47 kohms, 1/6W	AA
R29	VRD-ST2CD470J	47 kohms, 1/6W	AA
R30	VRD-ST2CD473J	47 kohms, 1/6W	AA
R31	VRD-ST2CD102J	1 ohms, 1/6W	AA
R32	VRD-ST2CD562J	5.6 kohms, 1/6W	AA
R33	VRD-ST2CD104J	100 kohms, 1/6W	AA
R34	VRD-ST2CD103J	10 kohms, 1/6W	AA
R35	VRD-ST2CD153J	18 kohms, 1/6W	AA
R36	VRD-ST2CD102J	1 kohms, 1/6W	AA
R37	VRD-ST2CD183J	18 kohms, 1/6W	AA
R201	VRD-ST2CD151J	150 ohms, 1/6W	AA
R202	VRD-ST2CD151J	150 ohms, 1/6W	AA
R203	VRD-ST2CD564J	560 kohms, 1/6W	AA
R204	VRD-ST2CD564J	560 kohms, 1/6W	AA
R205	VRD-ST2CD273J	27 kohms, 1/6W	AA
R206	VRD-ST2CD273J	27 kohms, 1/6W	AA

电阻器

PARTS LIST (部品表)

HOW TO ORDER REPLACEMENT PARTS

Page
(ページ)

1. MODEL NUMBER

2. PART NO. 3. DESCRIPTION

TITLE (品名)

各種注意事項

PART NO. 欄のDはDに、IはIに、OはOに、
AはAに、Sは斜線にて写植下さい

Model
(機種名)

REF. NO.
(配線図No.)

PART NO. (部品記号)

DESCRIPTION (種類)

CODE

R39 VRD-ST2CD273J 27 kohms, 1/6W

R40 VRD-ST2CD122J 1.2 kohms, 1/6W

R41 VRD-ST2CD472J 4.7 kohms, 1/6W

R42 VRD-ST2CD472J 4.7 kohms, 1/6W

R43 VRD-ST2CD181J 180 ohms, 1/6W

R44 VRD-ST2CD181J 180 ohms, 1/6W

R45 VRD-ST2CD473J 47 kohms, 1/6W

R46 VRD-ST2CD473J 47 kohms, 1/6W

R47 VRD-ST2CD272J 2.7 kohms, 1/6W

R48 VRD-ST2CD272J 2.7 kohms, 1/6W

R49 VRD-ST2CD472J 47 kohms, 1/6W

R50 VRD-ST2CD472J 4.7 kohms, 1/6W

R51 VRD-ST2CD153J 15 kohms, 1/6W

R52 VRD-ST2EE181J 180 ohms, 1/4W

R53 VRD-ST2EE181J 180 ohms, 1/4W

R54 VRD-ST2EE181J 180 ohms, 1/4W

R55 VRD-ST2CD472J 4.7 kohms, 1/6W

R56 VRD-ST2CD223J 22 kohms, 1/6W

R59 VRD-ST2CD473J 47 kohms, 1/6W

R60 VRD-ST2CD561J 560 ohms, 1/6W

R61 VRD-ST2CD151J 150 ohms, 1/6W

R62 VRD-ST2CD104J 100 kohm, 1/6W

REF.NO.	PART NO.	DESCRIPTION	CODE	REF.NO.	PART NO.	DESCRIPTION	CODE
R207	VRD-ST2CD222J	2.2 kohms, 1/6W	AA	R277	VRD-ST2CD224J	220 kohms, 1/6W	AA
R208	VRD-ST2CD222J	2.2 kohms, 1/6W	AA	R278	VRD-ST2CD224J	220 kohms, 1/6W	AA
R209	VRD-ST2CD562J	5.6 kohms, 1/6W	AA	R279	VRD-ST2CD103J	10 kohm, 1/6W	AA
R210	VRD-ST2CD562J	5.6 kohms, 1/6W	AA	R280	VRD-ST2CD103J	10 kohm, 1/6W	AA
R211	VRD-ST2CD224J	220 kohms, 1/6W	AA	R281	VRD-ST2CD223J	22 kohms, 1/6W	AA
R212	VRD-ST2CD224J	220 kohms, 1/6W	AA	R282	VRD-ST2CD223J	22 kohms, 1/6W	AA
R213	VRD-ST2CD563J	56 kohms, 1/6W	AA	R283	VRD-ST2CD223J	22 kohms, 1/6W	AA
R214	VRD-ST2CD563J	56 kohms, 1/6W	AA	R284	VRD-ST2CD223J	22 kohms, 1/6W	AA
R215	VRD-ST2CD224J	220 kohms, 1/6W	AA	R285	VRD-ST2CD563J	56 kohms, 1/6W	AA
R216	VRD-ST2CD224J	220 kohms, 1/6W	AA	R286	VRD-ST2CD563J	56 kohms, 1/6W	AA
R217	VRD-ST2CD563J	56 kohms, 1/6W	AA	R287	VRD-ST2CD272J	2.7 kohms, 1/6W	AA
R218	VRD-ST2CD563J	56 kohms, 1/6W	AA	R288	VRD-ST2CD272J	2.7 kohms, 1/6W	AA
R219	VRD-ST2CD224J	220 kohms, 1/6W	AA	R289	VRD-ST2CD272J	2.7 kohms, 1/6W	AA
R220	VRD-ST2CD224J	220 kohms, 1/6W	AA	R290	VRD-ST2CD272J	2.7 kohms, 1/6W	AA
R221	VRD-ST2CD563J	56 kohms, 1/6W	AA	R291	VRD-ST2CD392J	3.9 kohms, 1/6W	AA
R222	VRD-ST2CD563J	56 kohms, 1/6W	AA	R292	VRD-ST2CD1R0J	1 ohm, 1/6W	AA
R223	VRD-ST2CD223J	22 kohms, 1/6W	AA	R293	VRD-ST2CD100J	10 ohm, 1/6W	AA
R224	VRD-ST2CD223J	22 kohms, 1/6W	AA	R294	VRD-ST2CD103J	10 kohm, 1/6W	AA
R225	VRD-ST2CD223J	22 kohms, 1/6W	AA	R295	VRD-ST2CD680J	68 ohms, 1/6W	AA
R226	VRD-ST2CD223J	22 kohms, 1/6W	AA	R296	VRD-ST2EE181J	180 ohms, 1/4W	AA
R227	VRD-ST2CD272J	2.7 kohms, 1/6W	AA	R297	VRD-ST2EE181J	180 ohms, 1/4W	AA
R228	VRD-ST2CD272J	2.7 kohms, 1/6W	AA	R298	VRD-ST2CD562J	5.6 kohms, 1/6W	AA
R229	VRD-ST2EE471J	470 ohms, 1/4W	AA	R299	VRD-ST2CD822J	8.2 kohms, 1/6W	AA
R230	VRD-ST2CD333J	33 kohms, 1/6W	AA	R300	VRD-ST2CD333J	33 kohms, 1/6W	AA
R231	VRD-ST2CD472J	4.7 kohms, 1/6W	AA	R301	VRD-ST2CD562J	5.6 kohms, 1/6W	AA
R232	VRD-ST2CD392J	3.9 kohms, 1/6W	AA	R302	VRD-ST2CD822J	8.2 kohms, 1/6W	AA
R233	VRD-ST2CD272J	2.7 kohms, 1/6W	AA	R303	VRD-ST2CD333J	33 kohms, 1/6W	AA
R234	VRD-ST2CD272J	2.7 kohms, 1/6W	AA	R304	VRD-ST2CD223J	22 kohms, 1/6W	AA
R235	VRD-ST2CD104J	100 kohm, 1/6W	AA	R305	VRD-ST2CD392J	3.9 kohms, 1/6W	AA
R236	VRD-ST2CD104J	100 kohm, 1/6W	AA	R306	VRD-ST2CD182J	1.8 kohms, 1/6W	AA
R237	VRD-ST2CD332J	3.3 kohms, 1/6W	AA	R307	VRD-ST2CD223J	22 kohms, 1/6W	AA
R238	VRD-ST2CD332J	3.3 kohms, 1/6W	AA	R309	VRD-ST2CD272J	2.7 kohms, 1/6W	AA
R239	VRD-ST2CD105J	1 Mohm, 1/6W	AA	R310	VRD-ST2CD182J	1.8 kohms, 1/6W	AA
R240	VRD-ST2CD105J	1 Mohm, 1/6W	AA	R311	VRD-ST2CD272J	2.7 kohms, 1/6W	AA
R241	VRD-ST2CD154J	150 kohms, 1/6W	AA	R312	VRD-ST2CD333J	33 kohms, 1/6W	AA
R242	VRD-ST2CD154J	150 kohms, 1/6W	AA	R313	VRD-ST2CD123J	12 kohms, 1/6W	AA
R243	VRD-ST2CD274J	270 kohms, 1/6W	AA	R314	VRD-ST2CD123J	12 kohms, 1/6W	AA
R244	VRD-ST2CD274J	270 kohms, 1/6W	AA	R315	VRD-ST2CD223J	22 kohms, 1/6W	AA
R245	VRD-ST2CD473J	47 kohms, 1/6W	AA	R316	VRD-ST2CD223J	22 kohms, 1/6W	AA
R246	VRD-ST2CD473J	47 kohms, 1/6W	AA	R317	VRD-ST2EE684J	680 kohms, 1/4W	AA
R247	VRD-ST2CD181J	180 ohms, 1/6W	AA	R318	VRD-ST2EE684J	680 kohms, 1/4W	AA
R248	VRD-ST2CD181J	180 ohms, 1/6W	AA	R319	VRD-ST2EE153J	15 kohms, 1/4W	AA
R249	VRD-ST2CD224J	220 kohms, 1/6W	AA	R320	VRD-ST2EE153J	15 kohms, 1/4W	AA
R250	VRD-ST2CD273J	27 kohms, 1/6W	AA	R321	VRD-ST2CD154J	150 kohms, 1/6W	AA
R251	VRD-ST2CD223J	22 kohms, 1/6W	AA	R322	VRD-ST2CD154J	150 kohms, 1/6W	AA
R252	VRD-ST2CD562J	5.6 kohms, 1/6W	AA	R323	VRD-ST2CD332J	3.3 kohms, 1/6W	AA
R253	VRD-ST2CD103J	10 kohm, 1/6W	AA	R324	VRD-ST2CD332J	3.3 kohms, 1/6W	AA
R254	VRD-ST2CD103J	10 kohm, 1/6W	AA	R325	VRD-ST2EE121J	120 ohms, 1/4W	AA
R255	VRD-ST2CD223J	22 kohms, 1/6W	AA	R326	VRD-ST2EE121J	120 ohms, 1/4W	AA
R256	VRD-ST2CD223J	22 kohms, 1/6W	AA	R327	VRD-ST2EE332J	3.3 kohms, 1/4W	AA
R257	VRD-ST2CD272J	2.7 kohms, 1/6W	AA	R328	VRD-ST2EE332J	3.3 kohms, 1/4W	AA
R258	VRD-ST2CD272J	2.7 kohms, 1/6W	AA	R329	VRD-ST2EE472J	4.7 kohms, 1/4W	AA
R259	VRD-ST2CD222J	2.2 kohms, 1/6W	AA	R330	VRD-ST2EE472J	4.7 kohms, 1/4W	AA
R260	VRD-ST2EE471J	470 ohms, 1/4W	AA	R331	VRD-ST2EE392J	3.9 kohms, 1/4W	AA
R261	VRD-ST2CD101J	100 ohm, 1/6W	AA	R332	VRD-ST2EE392J	3.9 kohms, 1/4W	AA
R262	VRD-ST2CD101J	100 ohm, 1/6W	AA	R333	VRD-ST2EE103J	10 kohm, 1/4W	AA
R263	VRD-ST2CD151J	150 ohms, 1/6W	AA	R334	VRD-ST2EE103J	10 kohm, 1/4W	AA
R264	VRD-ST2CD151J	150 ohms, 1/6W	AA	R335	VRD-ST2EE272J	2.7 kohms, 1/4W	AA
R265	VRD-ST2CD103J	10 kohm, 1/6W	AA	R336	VRD-ST2EE272J	2.7 kohms, 1/4W	AA
R266	VRD-ST2CD103J	10 kohm, 1/6W	AA	R337	VRD-ST2EE332J	3.3 kohms, 1/4W	AA
R267	VRD-ST2CD334J	330 kohms, 1/6W	AA	R338	VRD-ST2EE333J	33 kohms, 1/4W	AA
R268	VRD-ST2CD334J	330 kohms, 1/6W	AA	R339	VRD-ST2CD391J	390 ohms, 1/6W	AA
R269	VRD-ST2CD273J	27 kohms, 1/6W	AA	R340	VRD-ST2CD391J	390 ohms, 1/6W	AA
R270	VRD-ST2CD273J	27 kohms, 1/6W	AA	R341	VRD-ST2EE221J	220 ohms, 1/4W	AA
R271	VRD-ST2CD682J	6.8 kohms, 1/6W	AA	R342	VRD-ST2CD472J	4.7 kohms, 1/6W	AA
R272	VRD-ST2CD682J	6.8 kohms, 1/6W	AA	R344	VRD-ST2CD105J	1 Mohm, 1/6W	AA
R273	VRD-ST2CD222J	2.2 kohms, 1/6W	AA	R345	VRD-ST2CD102J	1 kohm, 1/6W	AA
R274	VRD-ST2CD222J	2.2 kohms, 1/6W	AA	R346	VRD-ST2CD102J	1 kohm, 1/6W	AA
R275	VRD-ST2CD272J	2.7 kohms, 1/6W	AA	R347	VRD-ST2CD104J	100 kohm, 1/6W	AA
R276	VRD-ST2CD272J	2.7 kohms, 1/6W	AA	R348	VRD-ST2CD104J	100 kohm, 1/6W	AA

REF.NO.	PART NO.	DESCRIPTION	CODE	REF.NO.	PART NO.	DESCRIPTION	CODE
R349	VRD-ST2CD684J	680 kohms, 1/6W	AA	R522	VRS-PU3AB271J	270 ohms, 1W, Metal Oxide Film	AA
R350	VRD-ST2CD684J	680 kohms, 1/6W	AA	R523	VRD-ST2EE473J	47 kohms, 1/4W	AA
R351	VRD-ST2CD223J	22 kohms, 1/6W	AA	R524	VRD-ST2EE473J	47 kohms, 1/4W	AA
R352	VRD-ST2CD223J	22 kohms, 1/6W	AA	△ R601	VRG-SB3AA1R0J	1 ohm, 1W, Fusible	AC
R353	VRD-ST2CD182J	1.8 kohms, 1/6W	AA	R602	VRD-ST2EE472J	4.7 kohms, 1/4W	AA
R354	VRD-ST2CD182J	1.8 kohms, 1/6W	AA	R603	VRD-ST2EE223J	22 kohms, 1/4W	AA
R355	VRD-ST2CD122J	1.2 kohms, 1/6W	AA	R604	VRD-ST2EE104J	100 kohm, 1/4W	AA
R356	VRD-ST2CD122J	1.2 kohms, 1/6W	AA	R605	VRD-ST2EE474J	470 kohms, 1/4W	AA
R357	VRD-ST2CD272J	2.7 kohms, 1/6W	AA	R606	VRD-ST2EE103J	10 kohm, 1/4W	AA
R358	VRD-ST2CD272J	2.7 kohms, 1/6W	AA	R607	VRD-ST2HD392J	3.9 kohms, 1/2W	AA
R359	VRD-ST2CD222J	2.2 kohms, 1/6W	AA	R608	VRD-ST2HD392J	3.9 kohms, 1/2W	AA
R360	VRD-ST2CD222J	2.2 kohms, 1/6W	AA	R609	VRD-ST2HD392J	3.9 kohms, 1/2W	AA
R361	VRD-ST2CD392J	3.9 kohms, 1/6W	AA	R610	VRD-ST2HD392J	3.9 kohms, 1/2W	AA
R362	VRD-ST2HD6R8J	6.8 ohms, 1/2W	AA	△ R611	VRG-SB2HD2R2J	2.2 ohms, 1/2W, Fusible	AB
R401	VRD-ST2EE473J	47 kohms, 1/4W	AA	△ R612	VRG-ST2ED2R2J	2.2 ohms, 1/4W, Fusible	AB
R402	VRD-ST2EE473J	47 kohms, 1/4W	AA	R704	VRD-ST2CD473J	47 kohms, 1/6W	AA
R403	VRD-ST2EE821J	820 ohms, 1/4W	AA	R705	VRD-ST2EE222J	2.2 kohms, 1/4W	AA
R404	VRD-ST2EE821J	820 ohms, 1/4W	AA	R706	VRD-ST2EE821J	820 ohms, 1/4W	AA
R405	VRD-ST2EE394J	390 kohms, 1/4W	AA	R707	VRD-ST2EE821J	820 ohms, 1/4W	AA
R406	VRD-ST2EE394J	390 kohms, 1/4W	AA	R708	VRD-ST2EE821J	820 ohms, 1/4W	AA
R407	VRD-ST2EE333J	33 kohms, 1/4W	AA	R709	VRD-ST2EE821J	820 ohms, 1/4W	AA
R408	VRD-ST2EE333J	33 kohms, 1/4W	AA	R713	VRD-ST2CD105J	1 Mohm, 1/6W	AA
R409	VRD-ST2EE473J	47 kohms, 1/4W	AA	R714	VRD-ST2CD105J	1 Mohm, 1/6W	AA
R410	VRD-ST2EE473J	47 kohms, 1/4W	AA	R715	VRD-ST2CD154J	150 kohms, 1/6W	AA
R411	VRD-ST2EE682J	6.8 kohms, 1/4W	AA	R716	VRD-ST2CD154J	150 kohms, 1/6W	AA
R412	VRD-ST2EE682J	6.8 kohms, 1/4W	AA	R717	VRD-ST2CD562J	5.6 kohms, 1/6W	AA
R413	VRD-ST2EE102J	1 kohm, 1/4W	AA	R718	VRD-ST2CD562J	5.6 kohms, 1/6W	AA
R414	VRD-ST2EE102J	1 kohm, 1/4W	AA	R719	VRD-ST2CD271J	270 ohms, 1/6W	AA
R415	VRD-ST2CD684J	680 kohms, 1/6W	AA	R720	VRD-ST2CD271J	270 ohms, 1/6W	AA
R416	VRD-ST2CD684J	680 kohms, 1/6W	AA	R721	VRD-ST2CD102J	1 kohm, 1/6W	AA
R417	VRD-ST2CD154J	150 kohms, 1/6W	AA	R722	VRD-ST2CD102J	1 kohm, 1/6W	AA
R418	VRD-ST2CD154J	150 kohms, 1/6W	AA	R723	VRD-ST2EE221J	220 ohms, 1/4W	AA
R419	VRD-ST2CD821J	820 ohms, 1/6W	AA	R724	VRD-ST2CD122J	1.2 kohm, 1/6W	AA
R420	VRD-ST2CD821J	820 ohms, 1/6W	AA	R725	VRD-ST2CD472J	4.7 kohm, 1/6W	AA
R421	VRD-ST2CD561J	560 ohms, 1/6W	AA	R726	VRD-ST2CD472J	4.7 kohm, 1/6W	AA
R422	VRD-ST2CD561J	560 ohms, 1/6W	AA	R901	VRD-ST2HD475J	4.7 Mohms, 1/2W	AA
R425	VRD-ST2EE222J	2.2 kohms, 1/4W	AA	CIRCUIT PARTS			
R427	VRD-ST2CD562J	5.6 kohms, 1/6W	AA	B11/2/3	BCNW-3543AFZZ	Connector Assembly, 2-24Pin	
R428	VRD-ST2CD562J	5.6 kohms, 1/6W	AA	B1603	BCNW-3064AFZZ	Connector Assembly, 5-5Pin	
R431	VRD-ST2EE222J	2.2 kohms, 1/4W	AA	B1206	QCNW-3599AFZZ	Connector Assembly, 7-7Pin	AF
R432	VRD-ST2EE222J	2.2 kohms, 1/4W	AA	B1207	QCNW-3601AFZZ	Connector Assembly, 4-4Pin	AD
R433	VRD-ST2CD473J	47 kohms, 1/6W	AA	B1208	QCNW-3600AFZZ	Connector Assembly, 6-6Pin	AE
R434	VRD-ST2CD473J	47 kohms, 1/6W	AA	B1209	QCNW-3580AFZZ	Connector Assembly, 4-3Pin	AD
△ R451	VRG-ST2ED2R2J	2.2 ohms, 1/4W, Fusible	AB	B1301	QCNW-3579AFZZ	Connector Assembly, 4-3Pin	AE
△ R452	VRG-ST2ED2R2J	2.2 ohms, 1/4W, Fusible	AB	B1401	QCNW-3063AFZZ	Connector Assembly, 6-5Pin	AG
R501	VRD-ST2EE562J	5.6 kohms, 1/4W	AA	B1402	QCNW-3596AFZZ	Connector Assembly, 4-4Pin	AF
R502	VRD-ST2EE473J	47 kohms, 1/4W	AA	B1403	QCNW-3065AFZZ	Connector Assembly, 4-4Pin	AF
R503	VRD-ST2EE473J	47 kohms, 1/4W	AA	B1404	QCNW-3585AFZZ	Connector Assembly, 5-4Pin	AE
R504	VRD-ST2EE473J	47 kohms, 1/4W	AA	B1405	QCNW-3582AFZZ	Connector Assembly, 3-3Pin	AE
R505	VRD-ST2EE681J	680 ohms, 1/4W	AA	B1406	QCNW-3598AFZZ	Connector Assembly, 7-5Pin	AG
R506	VRD-ST2EE681J	680 ohms, 1/4W	AA	B1502	QCNW-3066AFZZ	Connector Assembly, 5-4Pin	AG
R507	VRD-ST2EE471J	470 ohms, 1/4W	AA	B1503	QCNW-3069AFZZ	Connector Assembly, 4-4Pin	AD
R508	VRD-ST2EE471J	470 ohms, 1/4W	AA	CNS201	QCNW-3091AFZZ	Connector Assembly, 4Pin	AE
R509	VRD-ST2EE222J	2.2 kohms, 1/4W	AA	CNS202	QCNW-3092AFZZ	Connector Assembly, 9Pin	AH
R510	VRD-ST2EE222J	2.2 kohms, 1/4W	AA	CNS203	QCNW-3055AFZZ	Connector Assembly, 8Pin	AE
R511	VRD-ST2EE222J	2.2 kohms, 1/4W	AA	CNS204	QCNW-3056AFZZ	Connector Assembly, 10Pin	AF
R512	VRD-ST2EE222J	2.2 kohms, 1/4W	AA	CNS206	_____	Part of REF.NO.B1206	—
R513	RR-FZ1007AFZZ	0.1 ohm, 2W, Metal Oxide Film	AB	CNS207	_____	Part of REF.NO.B1207	—
R514	RR-FZ1007AFZZ	0.1 ohm, 2W, Metal Oxide Film	AB	CNS208	_____	Part of REF.NO.B1208	—
R515	RR-FZ1007AFZZ	0.1 ohm, 2W, Metal Oxide Film	AB	CNS209	_____	Part of REF.NO.B1209	—
R516	RR-FZ1007AFZZ	0.1 ohm, 2W, Metal Oxide Film	AB	CNS301	_____	Part of REF.NO.B1301	—
R517	VRD-ST2HD100J	10 ohm, 1/2W	AA	CNS401	_____	Part of REF.NO.B1401	—
R518	VRD-ST2HD100J	10 ohm, 1/2W	AA	CNS402	_____	Part of REF.NO.B1402	—
R519	VRD-ST2EE2R7J	2.7 ohms, 1/4W	AA	CNS403	_____	Part of REF.NO.B1403	—
R520	VRD-ST2EE2R7J	2.7 ohms, 1/4W	AA	CNS404	_____	Part of REF.NO.B1404	—
R521	VRS-PU3AB271J	270 ohms, 1W, Metal Oxide Film	AA	CNS405	_____	Part of REF.NO.B1405	—
				CNS406	_____	Part of REF.NO.B1406	—
				CNS502	_____	Part of REF.NO.B1502	—
				CNS503	_____	Part of REF.NO.B1503	—

REF.NO.	PART NO.	DESCRIPTION	CODE
CNS603		Part of REF. NO. B1603	
CNS601		Part of REF. NO. T901	
CNP201	QCNCM585DAFZZ	Plug, 4Pin	AB
CNP202	QCNCM590JAFZZ	Plug, 9Pin	AC
CNP203	QCNCM589HAFZZ	Plug, 8Pin	AB
CNP204	QCNCM591KAFZZ	Plug, 10Pin	AC
CNP205	QCNCM586EAFZZ	Plug, 5Pin	AB
CNP206	QCNCM588GAFZZ	Plug, 7Pin	AB
CNP207	QCNCM585DAFZZ	Plug, 4Pin	AB
CNP208	QCNCM587FAFZZ	Plug, 6Pin	AB
CNP301	QCNCM136CAFZZ	Plug, 3Pin	AB
CNP401	QCNCM184EAFZZ	Plug, 5Pin	AC
CNP402	QCNCM233DAFZZ	Plug, 4Pin	AC
CNP405	QCNCM236CAFZZ	Plug, 3Pin	AB
CNP501	QCNCM233DAFZZ	Plug, 4Pin	AC
CNP502	QCNCM233DAFZZ	Plug, 4Pin	AC
CNP503	QCNCM233DAFZZ	Plug, 4Pin	AC
CNP601	QCNCM643EAFZZ	Plug, 5Pin	AC
CNP602	QCNCM136CAFZZ	Plug, 3Pin	AB
CNP603	QCNCM233DAFZZ	Plug, 4Pin	AC
△ F501	QFS-C402GAFNi	Fuse, T4A/150V	AE
△ F502	QFS-C402GAFNi	Fuse, T4A/250V	AE
△ F801	QFS-C/22GAFNi	Fuse, T1.25A/250V	AE
J801	QJAKJ0119AFZZ	Jack, Headphones	AF
△ M201	RM6TV0195AF05	Motor, Deck 1, with Pulley and Washer	AU
△ M202	RM6TV0195AF05	Motor, Deck 2, with Pulley and Washer	AU
S01	Q56CD2497AFZZ	Terminal, Antenna	AF
S0401	Q56CD4607AFZZ	Socket, Phono	AE
S0402	Q56CJ0299AFZZ	Socket, CD/AUX	AC
S0901	QTANZ0472AFZZ	Terminal, Speakers	AF
SW1	QSW-B0206AFZZ	Switch, Slide Type	AM
SW201(A~J)	QSW-S0466AFZZ	Switch, Slide Type	AH
SW202	QSW-S0267AFZZ	Switch, Slide Type	AD
SW203~206	QSW-P0602AFZZ	Switch, Push Type	AQ
SW207	QSW-F0136AFZZ	Switch, Skelton Type	AD
SW208	QSW-F0203AFZZ	Switch, Leaf Type	AC
SW209	QSW-F0136AFZZ	Switch, Skelton Type	AD
SW210	QSW-F0203AFZZ	Switch, Leaf Type	AC
SW211	QSW-F0197AFZZ	Switch, Leaf Type	AC
SW401	QSW-R0205AFZZ	Switch, Slide Type	AM
△ SW901	QSW-P9168AFZZ	Switch, Push Type	AF
SW 2	QSW-P0507AFZZ	Switch, Slide Type	

MECHANICAL PARTS

1	JKNBR0455AFSC	Button, Pause (Deck 2)	AC
2	JKNBR0456AFSC	Button, Stop	AC
3	JKNBR0457AFSC	Button, Fast-Forward	AC
4	JKNBR0458AFSC	Button, Play	AC
5	JKNBR0459AFSC	Button, Rewind	AC
6	JKNBR0460AFSC	Button, Record (Deck 2)	AC
7	LANGF0864AFZZ	Bracket, Flywheel	AE
8	LANGF0910AFFW	Bracket, Switch (Deck 2)	AC
9	LCHSM0635AFZZ	Main Chassis	
10	LCHSS0204AFFW	Plate, Head	AD
11	LDAIH0063AF00	Head Base	AB
12	LHLDW1078AFZZ	Nylon Band, 60mm	AA
13	LRTNP0068AFZZ	Retaining Ring	AA
14	LSLVM0178AFFD	Sleeve, Arm	AC
15	MLEVF1637AFFW	Lever, Eject	AB
16	MLEVF1638AFFW	Lever, Auto-Stop	AB
17	MLEVF1737AFZZ	Lever, Pause (Deck 2)	AC
18	MLEVF1738AFFW	Lever, Play Release (Deck 2)	AA
19	MLEVF1739AFFW	Lever, Record (Deck 2)	AB
20	MLEVP0433AFZZ	Chip, Sensor	AA
21	MLEVP0502AFZZ	Lever, Pause Lock	AB
22	MLEVP0527AF00	Lever, Erase Prevention (Deck 2)	AA
23	MLEVP0602AFZZ	Lever, Fast-Forward/Rewind	AC
24	MLEVP0539AF00	Release Lever, Arm Lock	AB
25	MLEVP0541AF00	Lever, Release	AB
26	MLEVP0580AF00	Lever, Cassette Holder Lock	AB

REF.NO.	PART NO.	DESCRIPTION	CODE
27	MSPRC0455AFFJ	Spring, Lever Return (Deck 2)	AA
28	MSPRC0456AFFJ	Spring, Azimuth	AA
29	MSPRC0457AFFJ	Spring, Back Tention	AA
30	MSPRC0458AFFJ	Spring, Pause Lock Lever (Deck 2)	AA
31	MSPRC0467AFFJ	Spring, Button	AA
32	MSPRC0468AFFJ	Spring, Idler	AA
33	MSPRC0489AFFJ	Spring, Back Tention	AA
34	MSPRC0497AFFJ	Spring, Flywheel	AA
35	MSPRD0570AFFJ	Spring, Pinch Roller	AA
36	MSPRP0370AFFW	Plate Spring, Cassette Press	AA
37	MSPRT1076AFFJ	Spring, Fast-Forward/Rewind	AA
38	MSPRT1077AFFJ	Spring, Lock Lever	AA
39	MSPRT1078AFFJ	Spring, Arm Lock Release Lever	AA
40	NBLTH0103AFZZ	Belt, Flywheel	AC
41	NBLTK0290AF00	Belt, Fast-Forward/Rewind	AB
42	NDAIR0186AF00	Supply Turntable	AB
43	NDAIR0187AFZZ	Take-up Turntable	AE
45	NFLYC0131AFZZ	Flywheel	AH
46	NGERHO144AF00	Gear, Flywheel	AB
47	NGERHO149AF00	Gear, Fast-Forward	AB
48	NIDR-0089AFZZ	Idler, Playback	AD
49	NR5LY0065AFZZ	Pinch Roller Assembly	AE
50	NSFTT0308AFFD	Shaft, Button	AC
51	PGIDM0120AFZZ	Lever Guide (Right)	AE
52	PGIDM0125AF00	Lever Guide (Left)	AB
53	RHEDA0125AFZZ	Head, Erase (Deck 2)	AH
54	RHEDF0090AFZZ	Playback Head (Deck 1)	AM
54	RHEDH0135AFZZ	Head, Record/Playback (Deck 2)	AM
55	MLEVP0482AFZZ	Head, Dummy (Deck 1)	AB
56	LBSHZ0086AFZZ	Rubber, Motor	AA
501	LX-BZ0451AFFD	Screw, $\phi 2 \times 6$ mm	AA
502	LX-HZ0142AFFD	Screw, $\phi 2 \times 9$ mm	AA
503	LX-HZ0151AFFD	Screw, $\phi 4 \times 6$ mm (Deck 2)	AB
504	LX-WZ1076AF00	Washer, Supply Turn Table	AA
505	LX-WZ1086AFZZ	Stop Washer, $\phi 1.5 \times \phi 3.5 \times 0.5$ mm	AA
506	XBPSD16P04000	Screw, $\phi 1.6 \times 4$ mm	AA
507	XBPSD20W08000	Screw, $\phi 2 \times 8$ mm	AA
508	XHPSD26P04000	Screw, $\phi 2.6 \times 4$ mm	AA
509	XHPSD26P26000	Screw, $\phi 2.6 \times 26$ mm	AA
511	XWHJZ23-05044	Washer, $\phi 2.3 \times \phi 4.4 \times 0.5$ mm	AA
512	XWHSD21-05065	Washer, $\phi 2.1 \times \phi 6.5 \times 0.5$ mm	AA
513	XWHJZ21-05040	Washer, $\phi 2.1 \times \phi 4 \times 0.5$ mm	AA

CABINET PARTS

101	CPNLC1717AF01	Front Panel Assembly(BK)	
101	CPNLC1717AF03	Front Panel Assembly(BR)	
101-1	HDECPO878AFSA	Plate, Dial	
101-2		Front Panel	
101-3	HPLYD0068AFZZ	Pulley	
101-4	TFLT-0652AFZZ	Felt, Graphic Equalizer	
102	CSPT11493AF01	Dial Cord Assembly	AC
104	GFTAC1504AFSB	Cassette Holder, Deck 1	AL
105	GFTAC1505AFSA	Cassette Holder, Deck 2	AL
108	HSSND0355AFSA	Dial Pointer	AE
109	JKNBK0245AFSB	Knob, Function Selector(BK)	AC
109	JKNBK0245AFSE	Knob, Function Selector(BR)	
110	JKNBMO428AFSB	Button, Power, Tape Selector, Dolby NR, Dubbing Speed(BK)	AB
110	JKNBMO428AFS	Button, Power, Tape Selector, Dolby NR, Dubbing Speed(BR)	AB
111	JKNBM0437AFSE	Button, FM Mode (BK)	
111	JKNBM0437AFSA	Button, FM Mode (BR)	
112	JKNBMO535AFSC	Knob, Band Selector(BK)	AB
112	JKNBMO535AFSE	Knob, Band Selector(BR)	AB

REF.NO.	PART NO.	DESCRIPTION	CODE
113	JKNBP0230AFSE	Knob, Graphic Equalizer, Balance, Volume (BK)	AB
113	JKNBP0230AFSC	Knob, Graphic Equalizer, Balance, Volume (BK)	AB
114	JKNB20315AFSH	Knob, Tuning (BK)	AE
114	JKNB20315AFSF	Knob, Tuning (BK)	AE
115	KCBUB0176AFZZ	Tape Counter	AG
116	LANGF0929AFZZ	Bracket, Record/Playback Selector Spring	AC
117	LANGF0963AFZZ	Bracket, Tuner P.W.B. Retaining	AD
118	LANGF0964AFZZ	Bracket, Power Switch P.W.B.	AG
121	LANGK0479AFZZ	Bracket, Heat Sink, Left	AF
122	LANGK0480AFZZ	Bracket, Heat Sink, Right	AF
123	LANGK0481AFZZ	Bracket, Power Switch	AC
124	LANGQ0981AFZZ	Bracket, Antenna Terminal	AF
Δ125	LBSHC0004AGZZ	Bushing, AC Power Supply Cord	AB
126	LCHSM0580AFZZ	Main Chassis	—
128	LHLDL1353AFZZ	Holder, Main P.W.B.	AB
129	LHLDL1093AFZZ	Holder, LED	AA
130	LHLDW1068AFZZ	Nylon Band, 100mm	AA
131	LHLDW1075AFZZ	Nylon Band, 60mm	AA
132	LHLDZ1283AFZZ	Holder, Black	AB
133	LHLDZ1284AFZZ	Holder, White	AB
137	MLIFP0040AFZZ	Damper	AC
138	MSPRD0654AFFJ	Spring, Cassette Holder, Up	AA
139	MSPRD0655AFFJ	Spring, Record/Playback Selector	AC
140	NBLTK0335AFZZ	Belt, Tape Counter	AC
141	NDRM-0183AFZZ	Drum	AD
142	NPLYC0101AFFD	Screw, Record/Playback Selector Spring	AA
143	NSFTZ0145AFZZ	Shaft, Tuning	AC
144	PFLT-0659AFZZ	Felt, Cassette Mechanism	AA
145	PRDAR0268AFZZ	Heat Sink, Rectifier	AD
146	PRDAR0424AFFW	Heat Sink (Large)	AY
147	PRDAR0426AFFW	Heat Sink (Small)	AD
Δ148	QACCV0001AGZZ	AC Power Supply Cord	AG
Δ149	QLUGP0165AFZZ	Lug	AA
150	QTANNO154AFZZ	Bracket, Audio P.W. Board	AB
Δ152	QFSDH1001SEZZ	Holder, Fuse	AA
153	QFSDH2051AFZZ	Holder, Fuse	AA
154	PSLDM3394AFZZ	Shield Plate, Deck 2 Motor	AC
155	PSPAG0137AF00	Spacer, Audio P.W.B.	AA
601	XBPSD26P06J00	Screw, $\phi 2.6 \times 6$ mm	AA
602	XHBSD30P06000	Screw, $\phi 3 \times 6$ mm	AA
604	XHBSD40P08000	Screw, $\phi 4 \times 8$ mm	AA
606	XHBS330P08000	Screw, $\phi 3 \times 8$ mm	AA
607	XHSSF30P10000	Screw, $\phi 3 \times 10$ mm	AA
608	XJBSD30P08000	Screw, $\phi 3 \times 8$ mm	AA
609	XJBSD30P10000	Screw, $\phi 3 \times 10$ mm	AA
612	XJBSE30P08000	Screw, $\phi 3 \times 8$ mm	AA
613	XRESJ30-08000	Ring, "E" Type, $\phi 3 \times 0.6$ mm	AA
614	XJBSE30P14000	Screw, $\phi 3 \times 14$ mm	AA
615	LX-HZ0087AFFD	Screw, $\phi 3 \times 8$ mm	AA
616	LX-JZ0047AFFD	Screw, with Washer	AB
156	PSLDM3312AFZZ	Shield Plate, Tuner	—
157	PSLDM3313AFZZ	Shield Plate, Tuner	—
158	PSLDM3314AFZZ	Shield Plate, Tuner	—
159	PSLDM3317AFZZ	Shield Plate, Tuner	—
160	LANGH0164AFZZ	Bracket, Pulley	—
161	NPLYB0054AFZZ	Pulley	—

REF.NO.	PART NO.	DESCRIPTION	CODE
ACCESSORIES PARTS			
	SSAKA0024AFZZ	Polyethylene Bag, Accessory	AH
	QANTW0064AFZZ	FM External Antenna Wire	AG
	TINSZ0752AFZZ	Operation Manual	AC

Note:

When ordering the parts to be used in the player, cabinet, speaker, and/or accessories, please consult Sharp dealers listed below.

SHARP ELECTRONICS (EUROPE) GMBH

Sonninstraße 3 · 2000 Hamburg 1 West Germany
Phone: 0 40-23 77 51 · Telex: 2 161 867 HEEG D

PLAYER PARTS

201	SP85-220212	Adaptor	AC
202	SP85-277940	Mat	AW
204	SP85-278299	Turntable	BD
206	SP85-272489	Belt	AM
208	SP85-271780	Motor Fixing Parts Assembly	AH
211	SP85-276447	Turntable P.W.B. Assembly	AH
212	SP85-275344	Base Plate	AY
214	SP85-273466	Leg Assembly	AE
217	SP85-272110	Screw, Transportation, Player Unit	AB
218	SP85-272111	Bracket, Transportation, Player Unit	AB
220	SP85-272074	Lever, Cut-Off	AH
221	SP85-209358	Steel Ball	AB
223	SP85-273390	Wheel, Curve	AM
224	SP85-270585	Bracket, Bearing	AC
225	SP85-210147	Ring, "E" Type	AB
226	SP85-273391	Lever, Main	AE
240	SP85-273393	Phono Motor Assembly	BD
243	SP85-242862	Switch, Skeleton Type	AH
248	SP85-272082	Lever, Cue	AB
249	SP85-272084	Knob, Speed Selector Switch	AB
250	SP85-272078	Plate, Cue Lever	AE
251	SP85-210146	Ring, "E" Type, $\phi 3.2$ mm	AB
255	SP85-273399	Tonearm Assembly	BF
255-1	—	Tonearm	—
255-2	SP85-272069	Bolt, Bearing	AB
255-3	SP85-272068	Spring, Pressure	AB
255-4	SP85-272119	Screw, $\phi 3 \times 6$ mm	AB
255-5	SP85-216844	Control Nipple Stud	AB
255-6	SP85-272067	Holder, Tonearm	AE
255-7	SP85-272073	Screw, $\phi 3 \times 20$ mm	AB
255-8	SP85-273392	Bolt, Lifting	AF
255-9	SP85-272066	Spring, Pressure	AB
255-10	SP85-273394	Lever	AH
255-11	SP85-272073	Screw, $\phi 3 \times 20$ mm	AB
255-12	SP85-270534	Head Shell Assembly	AR
255-13	SP85-262759	Screw, $\phi 2.5 \times 8$ mm	AB
255-14	SP85-273167	Nut, $\phi 2.5$ mm	AB
255-15	SP85-275118	Sleeve	AB
255-16	SP85-272077	Spring, Lever	AA
259	SP85-272125	Tonearm Rest	AB
260	SP85-273395	Cover, Tonearm	AS
261	SP85-272106	Switch, Skeleton Type	AH
262	SP85-272396	Cartridge with Stylus (DMS 239)	BB
262-2	SP85-272432	Replacement Stylus (DN 239)	AY
263	SP85-210469	Screw	AA
264	SP85-276225	Screw	AA
265	SP85-210287	Screw	AA
266	SP85-276226	Screw	AA
267	SP85-210148	Ring, "E" Type	AA
268	SP85-210586	Washer	AA

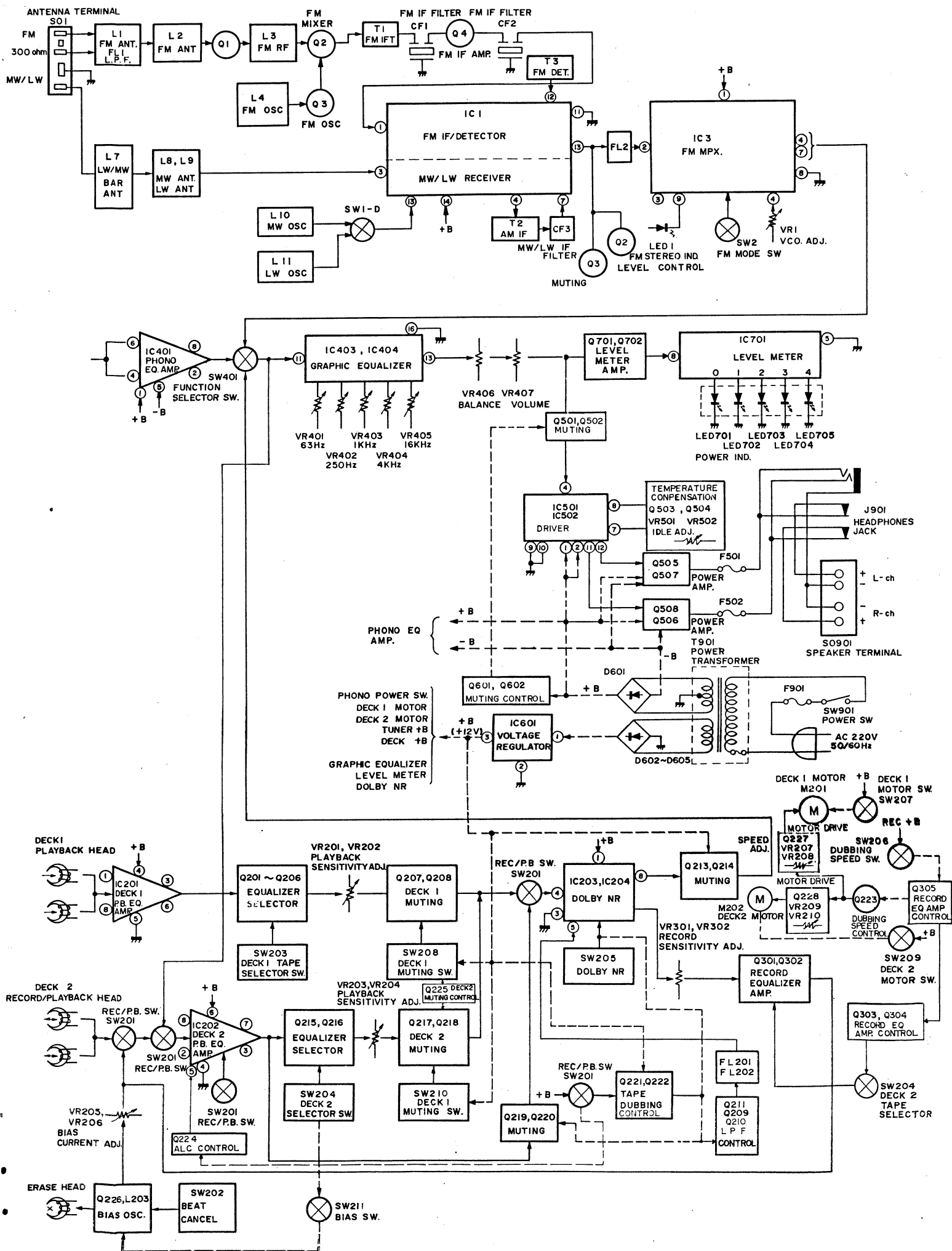
REF.NO.	PART NO.	DESCRIPTION	CODE	REF.NO.	PART NO.	DESCRIPTION	CODE
CABINET PARTS							
301	SYW3/5H-1	Side Board, Left	BA				
302	SYW3/5H-2	Side Board, Right	BA				
303	SYW3/5H-3	Top Board	AX				
304	SYW3/5H-4	Bottom Board	AU				
305	SYW3/5H-5	Bottom Board	AV				
306	SYW3/5H-6	Bottom Board	AY				
307	SYW3/5H-7	Back Board	AS				
308	SYW3/5H-8	Back Board	AQ				
309	SYW3/5H-9	Back Board	AM				
310	SYW3/5H-10	Glass Cover	AW				
311	SYW3/5H-11	Glass Door	AX				
312	SYW3/5H-12	Record Holder	AG				
313	SYW3/5H-13	Caster	AK				
314	SYW3/5H-14	Screw, $\phi 4 \times 15$ mm	AA				
315	SYW3/5H-15	Hinge, Glass Cover	AQ				
316	SYW3/5H-16	Screw, $\phi 3 \times 20$ mm	AA				
317	SYW3/5H-17	Screw, $\phi 3 \times 12$ mm	AA				
318	SYW3/5H-18	Bracket, Glass Door Hinge	AG				
319	SYW3/5H-19	Hinge, Glass Door	AK				
320	SYW3/5H-20	Plastic Protector, Glass Door	AC				
321	SYW3/5H-21	Coupling, Glass Door Hinge	AB				
322	SYW3/5H-22	Handle, Glass Cover	AG				
323	SYW3/5H-23	Catch, Glass Door	AQ				
324	SYW3/5H-24	Screw, $\phi 3.6 \times 15$ mm	AA				
325	SYW3/5H-25	Screw, $\phi 6 \times 48$ mm	AC				
326	SYW3/5H-26	Cover Cap, Screw	AA				
327	SYW3/5H-27	Wooden Dowel (LARGE)	AA				
329	SYW3/5H-29	Screw, $\phi 4 \times 25$ mm	AA				
331	SYW3/5H-28	Wooden Dowel (SMALL)	AA				

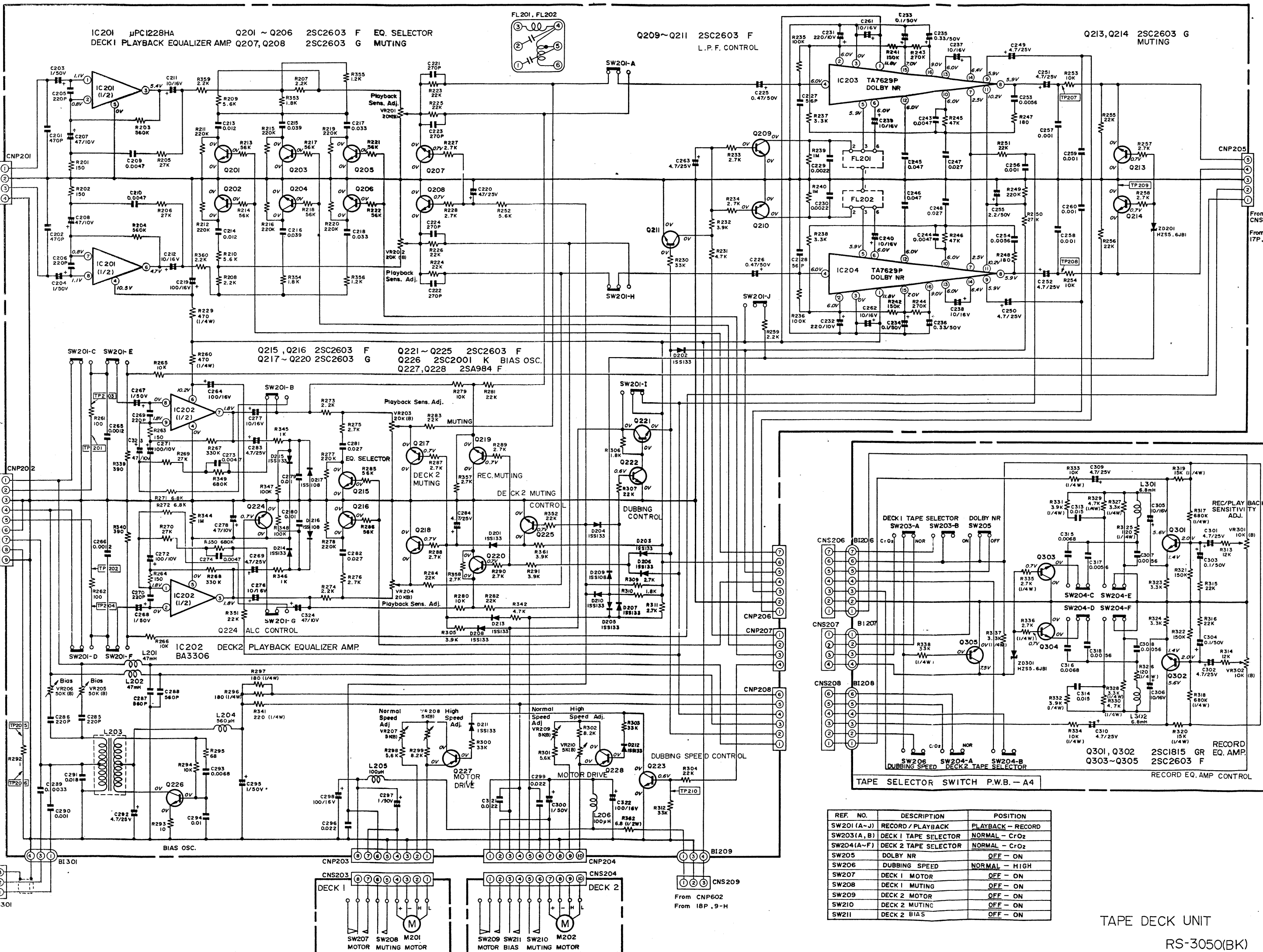
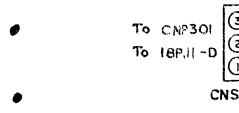
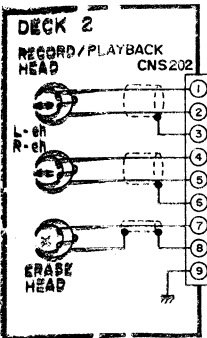
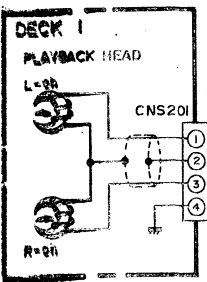
SPEAKER PARTS

6GCAB091	empty cabinet inc. baffle board RW (rose-wood)	BL
6HBDG006	SHARP-badge (40 mm)	AE
6VSPA073	woofer HIF 166 BSP CN 106 PN 4 Ohm	AY
6VSPA074	squawker CT 106 8 Ohm	AS
6VSPA075	tweeter 40 RFT 01 black 8 Ohm	AP
6VCE-024	Elko 1,0 μ F/15 VAC (bipolar)	AD
6VCE-026	Elko 1,5 μ F/15 VAC (bipolar)	AD
6QCNM002	connection cable 2,5 mtr. with plug	AG
6RFIL023	cross over network (without cable)	AQ

ACCESSORIES PARTS

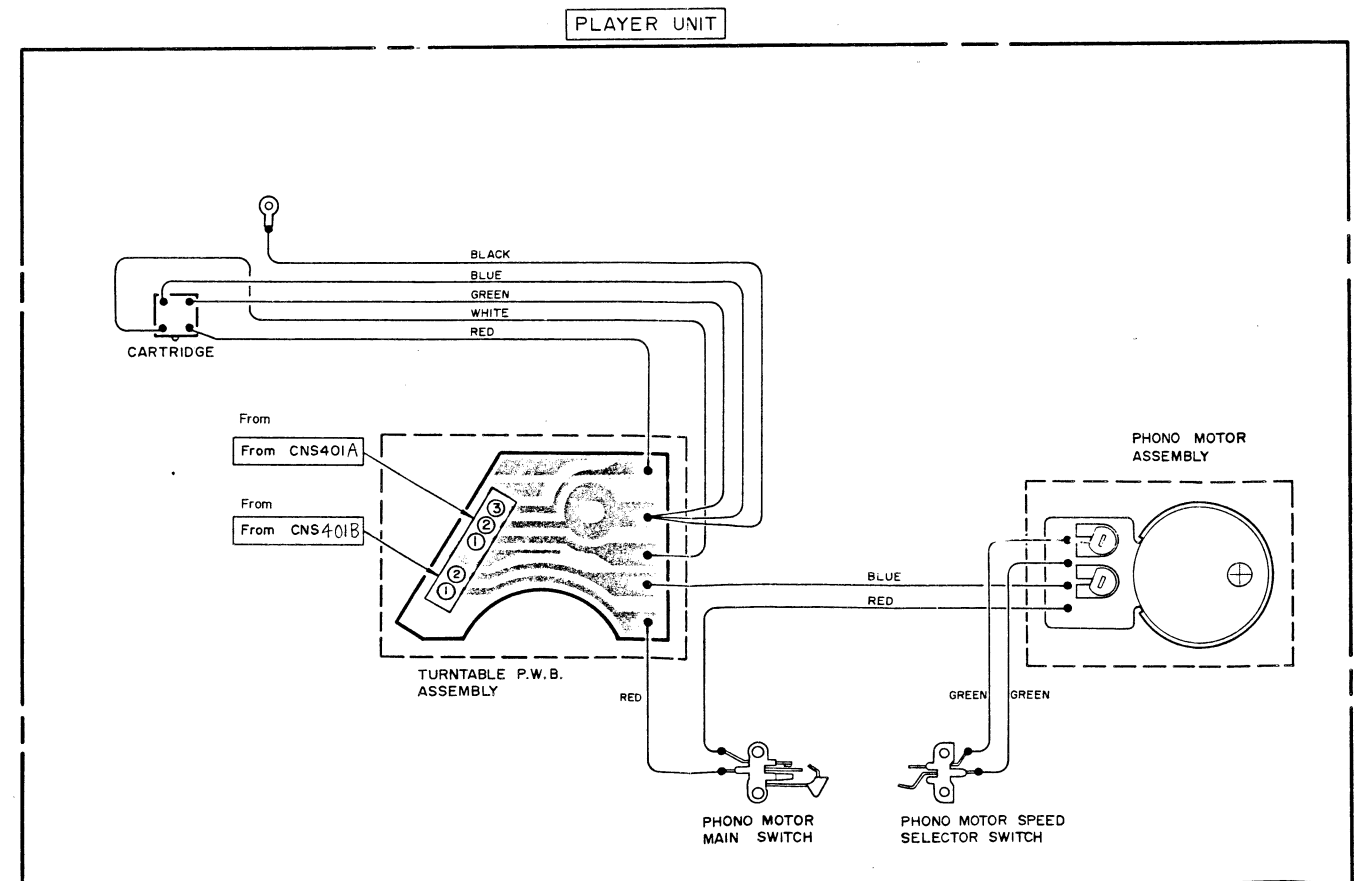
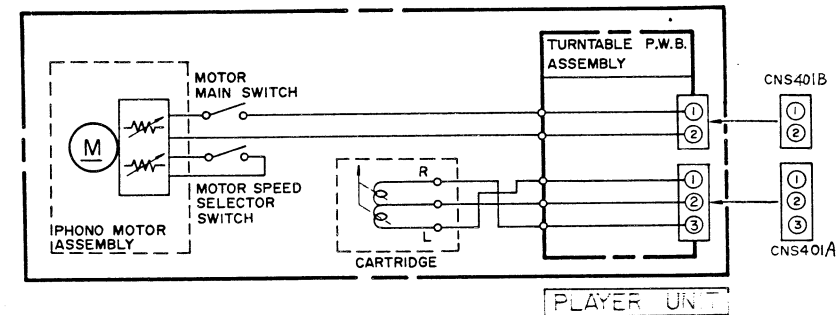
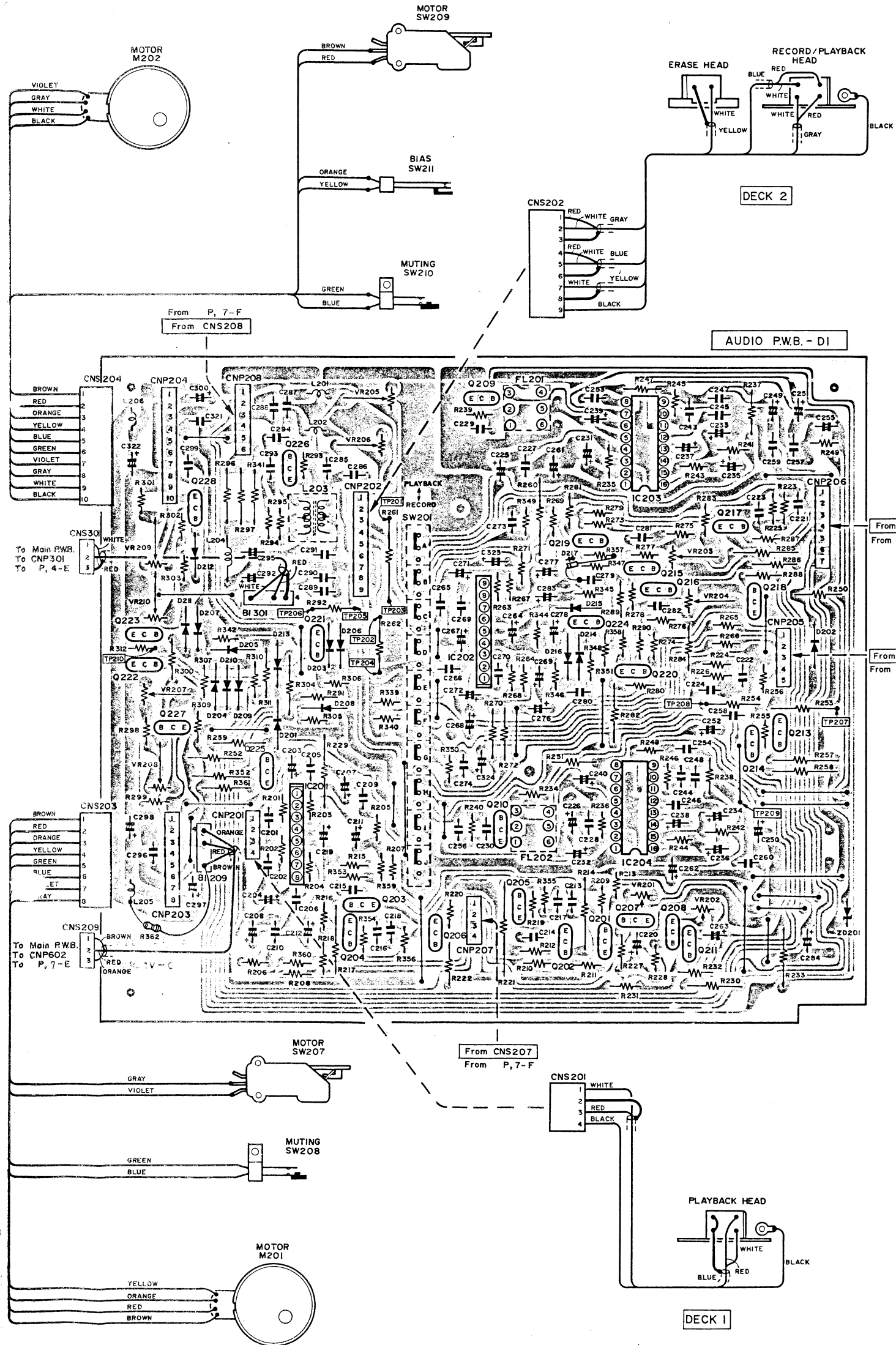
SYW3/5H-0	Bag, Cabinet Parts	BG
SYW3/5H-32	Transport Protection Socket, Cabinet	AD

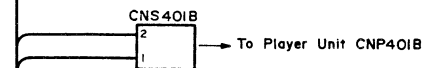
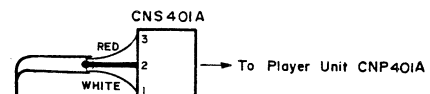
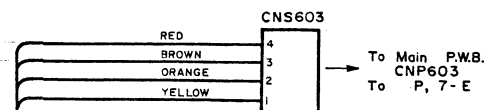




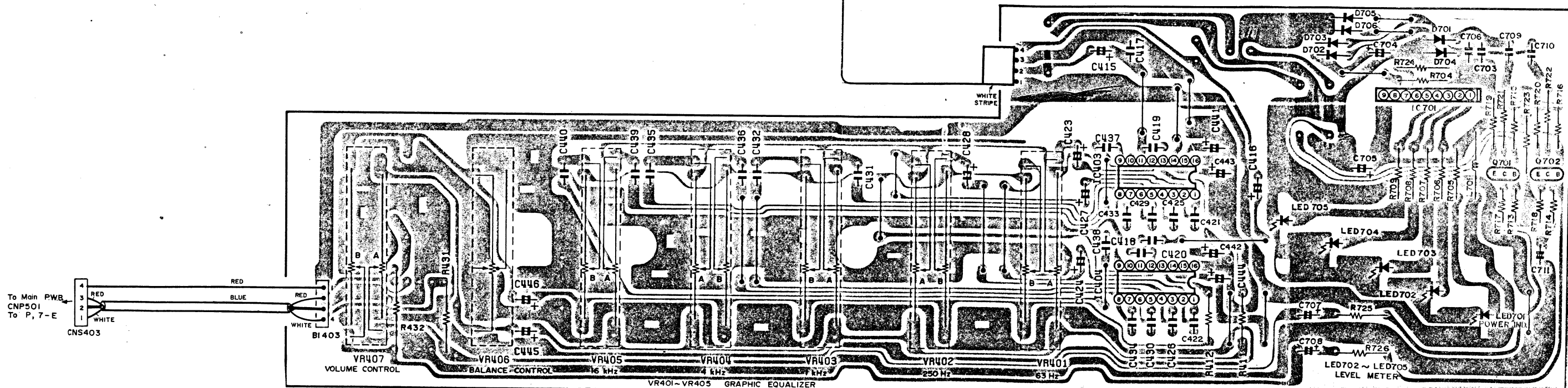
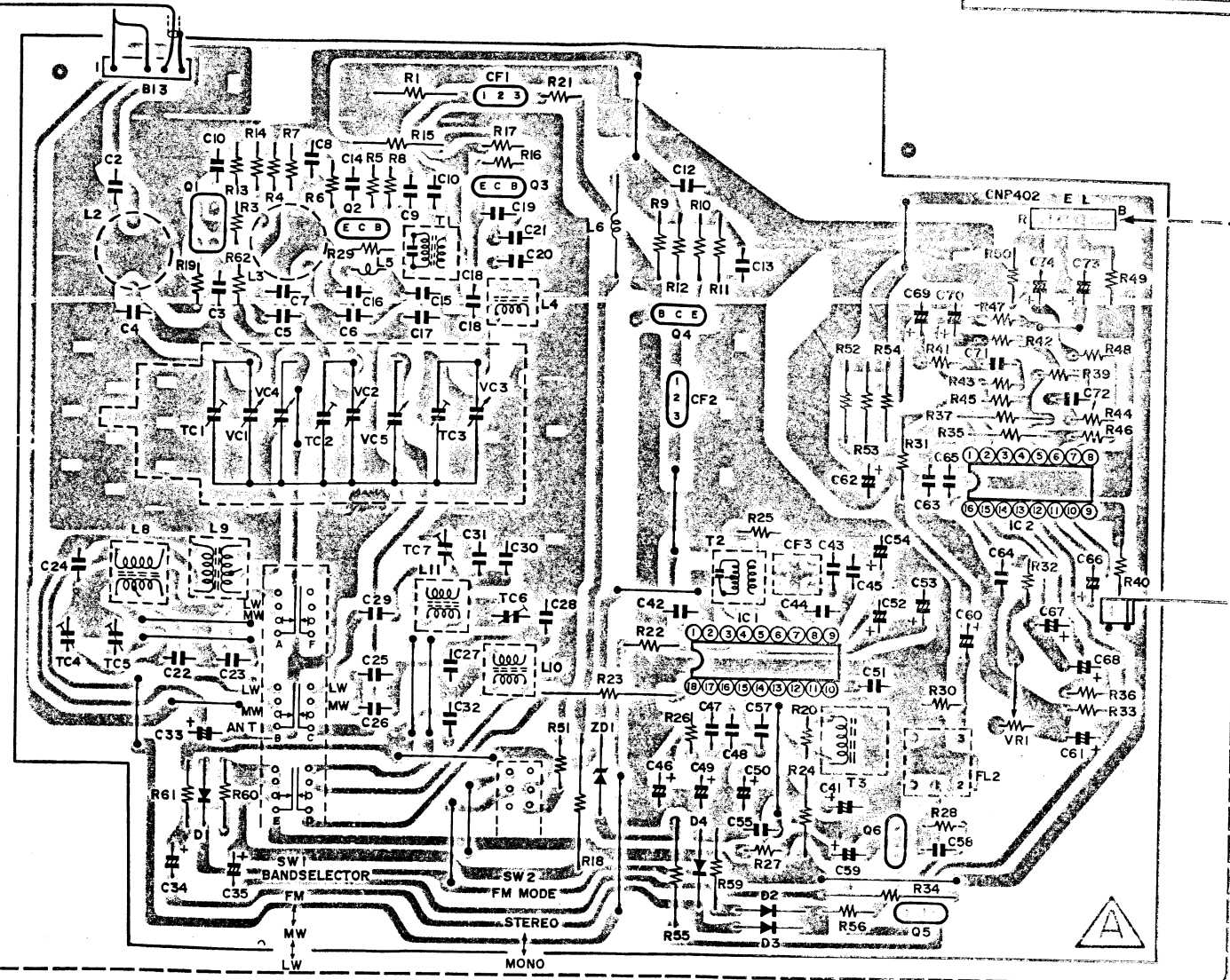
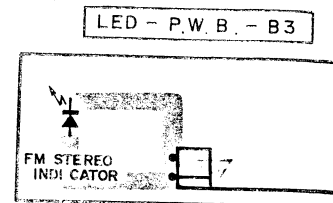
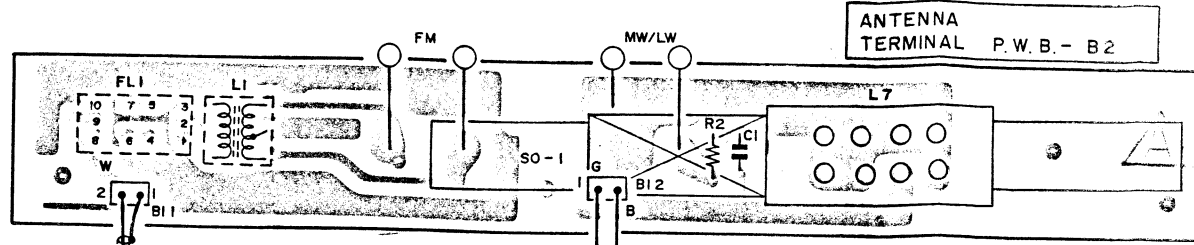
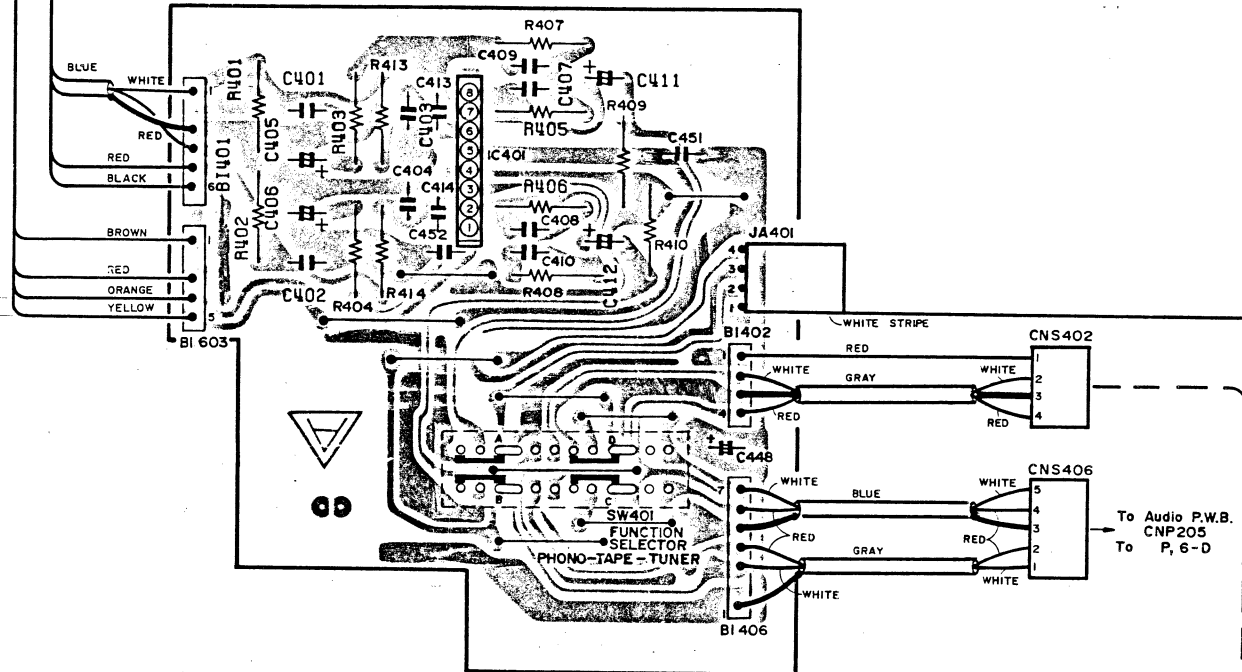
REF. NO.	DESCRIPTION	POSITION
SW201 (A-J)	RECORD / PLAYBACK	PLAYBACK - RECORD
SW203 (A, B)	DECK 1 TAPE SELECTOR	NORMAL - CrO ₂
SW204 (A-F)	DECK 2 TAPE SELECTOR	NORMAL - CrO ₂
SW205	DOLBY NR	OFF - ON
SW206	DUBBING SPEED	NORMAL - HIGH
SW207	DECK 1 MOTOR	OFF - ON
SW208	DECK 1 MUTING	OFF - ON
SW209	DECK 2 MOTOR	OFF - ON
SW210	DECK 2 MUTING	OFF - ON
SW211	DECK 2 BIAS	OFF - ON

TAPE DECK UNIT
RS-3050(BK)





FUNCTION SELECTOR P.W.B.-A3



GRAPHIC EQUALIZER P.W.B.-A2